

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:19:26 ON 27 MAY 2009

=> fil .bec

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.44

0.44

FILES 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS,
ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 15:20:48 ON 27 MAY 2009
ALL COPYRIGHTS AND RESTRICTIONS APPLY. SEE HELP USAGETERMS FOR DETAILS.

11 FILES IN THE FILE LIST

=> s catalase#

FILE 'MEDLINE'

L1 31679 CATALASE#

FILE 'SCISEARCH'

L2 26712 CATALASE#

FILE 'LIFESCI'

L3 9278 CATALASE#

FILE 'BIOTECHDS'

L4 1617 CATALASE#

FILE 'BIOSIS'

L5 42643 CATALASE#

FILE 'EMBASE'

L6 26675 CATALASE#

FILE 'HCAPLUS'

L7 54621 CATALASE#

FILE 'NTIS'

L8 241 CATALASE#

FILE 'ESBIOBASE'

L9 14458 CATALASE#

FILE 'BIOTECHNO'

L10 5716 CATALASE#

FILE 'WPIDS'

L11 2532 CATALASE#

TOTAL FOR ALL FILES

L12 216172 CATALASE#

=> s l12 and peroxisom?

FILE 'MEDLINE'

18000 PEROXISOM?

L13 1678 L1 AND PEROXISOM?

FILE 'SCISEARCH'

20742 PEROXISOM?

L14 1185 L2 AND PEROXISOM?

FILE 'LIFESCI'

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5727 PEROXISOM?
L15      394 L3 AND PEROXISOM?

FILE 'BIOTECHDS'
      623 PEROXISOM?
L16      38 L4 AND PEROXISOM?

FILE 'BIOSIS'
      24369 PEROXISOM?
L17      2138 L5 AND PEROXISOM?

FILE 'EMBASE'
      22547 PEROXISOM?
L18      1466 L6 AND PEROXISOM?

FILE 'HCAPLUS'
      26691 PEROXISOM?
L19      2124 L7 AND PEROXISOM?

FILE 'NTIS'
      91 PEROXISOM?
L20      6 L8 AND PEROXISOM?

FILE 'ESBIOBASE'
      12241 PEROXISOM?
L21      567 L9 AND PEROXISOM?

FILE 'BIOTECHNO'
      4748 PEROXISOM?
L22      403 L10 AND PEROXISOM?

FILE 'WPIDS'
      2276 PEROXISOM?
L23      17 L11 AND PEROXISOM?

TOTAL FOR ALL FILES
L24      10016 L12 AND PEROXISOM?

=> s peroxisom?(10a)(target? or import? or transport?)
FILE 'MEDLINE'
      18000 PEROXISOM?
      476720 TARGET?
      1223482 IMPORT?
      387027 TRANSPORT?
L25      2268 PEROXISOM?(10A)(TARGET? OR IMPORT? OR TRANSPORT?)

FILE 'SCISEARCH'
      20742 PEROXISOM?
      565137 TARGET?
      1402901 IMPORT?
      610480 TRANSPORT?
L26      2261 PEROXISOM?(10A)(TARGET? OR IMPORT? OR TRANSPORT?)

FILE 'LIFESCI'
      5727 PEROXISOM?
      193100 TARGET?
      410354 IMPORT?
      107630 TRANSPORT?
L27      947 PEROXISOM?(10A)(TARGET? OR IMPORT? OR TRANSPORT?)

FILE 'BIOTECHDS'
      623 PEROXISOM?

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43625 TARGET?
23055 IMPORT?
8984 TRANSPORT?
L28 90 PEROXISOM?(10A) (TARGET? OR IMPORT? OR TRANSPORT?)

FILE 'BIOSIS'
24369 PEROXISOM?
450639 TARGET?
1168668 IMPORT?
3006430 TRANSPORT?
L29 2388 PEROXISOM?(10A) (TARGET? OR IMPORT? OR TRANSPORT?)

FILE 'EMBASE'
22547 PEROXISOM?
457742 TARGET?
1104861 IMPORT?
392156 TRANSPORT?
L30 1920 PEROXISOM?(10A) (TARGET? OR IMPORT? OR TRANSPORT?)

FILE 'HCAPLUS'
26691 PEROXISOM?
661949 TARGET?
1371906 IMPORT?
945702 TRANSPORT?
L31 2998 PEROXISOM?(10A) (TARGET? OR IMPORT? OR TRANSPORT?)

FILE 'NTIS'
91 PEROXISOM?
71476 TARGET?
159412 IMPORT?
150075 TRANSPORT?
L32 4 PEROXISOM?(10A) (TARGET? OR IMPORT? OR TRANSPORT?)

FILE 'ESBIOBASE'
12241 PEROXISOM?
295616 TARGET?
552559 IMPORT?
304546 TRANSPORT?
L33 3328 PEROXISOM?(10A) (TARGET? OR IMPORT? OR TRANSPORT?)

FILE 'BIOTECHNO'
4748 PEROXISOM?
111737 TARGET?
184414 IMPORT?
85418 TRANSPORT?
L34 871 PEROXISOM?(10A) (TARGET? OR IMPORT? OR TRANSPORT?)

FILE 'WPIDS'
2276 PEROXISOM?
254440 TARGET?
35776 IMPORT?
389581 TRANSPORT?
L35 85 PEROXISOM?(10A) (TARGET? OR IMPORT? OR TRANSPORT?)

TOTAL FOR ALL FILES
L36 17160 PEROXISOM?(10A) (TARGET? OR IMPORT? OR TRANSPORT?)

=> s l12(15a)l36
FILE 'MEDLINE'
L37 65 L1 (15A)L25

FILE 'SCISEARCH'

L38 70 L2 (15A)L26

FILE 'LIFESCI'

L39 44 L3 (15A)L27

FILE 'BIOTECHDS'

L40 2 L4 (15A)L28

FILE 'BIOSIS'

L41 79 L5 (15A)L29

FILE 'EMBASE'

L42 55 L6 (15A)L30

FILE 'HCAPLUS'

L43 90 L7 (15A)L31

FILE 'NTIS'

L44 0 L8 (15A)L32

FILE 'ESBIOBASE'

L45 54 L9 (15A)L33

FILE 'BIOTECHNO'

L46 40 L10(15A)L34

FILE 'WPIDS'

L47 1 L11(15A)L35

TOTAL FOR ALL FILES

L48 500 L12(15A) L36

=> s l12(5a)(treat? or pharmaceutical?)

FILE 'MEDLINE'

2884044 TREAT?

112171 PHARMACEUTICAL?

L49 782 L1 (5A)(TREAT? OR PHARMACEUTICAL?)

FILE 'SCISEARCH'

2307898 TREAT?

55693 PHARMACEUTICAL?

L50 734 L2 (5A)(TREAT? OR PHARMACEUTICAL?)

FILE 'LIFESCI'

476557 TREAT?

10111 PHARMACEUTICAL?

L51 280 L3 (5A)(TREAT? OR PHARMACEUTICAL?)

FILE 'BIOTECHDS'

120265 TREAT?

34111 PHARMACEUTICAL?

L52 58 L4 (5A)(TREAT? OR PHARMACEUTICAL?)

FILE 'BIOSIS'

2431813 TREAT?

184959 PHARMACEUTICAL?

L53 1050 L5 (5A)(TREAT? OR PHARMACEUTICAL?)

FILE 'EMBASE'

2714591 TREAT?

86856 PHARMACEUTICAL?

L54 686 L6 (5A)(TREAT? OR PHARMACEUTICAL?)

FILE 'HCAPLUS'
4012591 TREAT?
418140 PHARMACEUTICAL?
L55 1920 L7 (5A) (TREAT? OR PHARMACEUTICAL?)

FILE 'NTIS'
131801 TREAT?
2521 PHARMACEUTICAL?
L56 4 L8 (5A) (TREAT? OR PHARMACEUTICAL?)

FILE 'ESBIOBASE'
825142 TREAT?
32176 PHARMACEUTICAL?
L57 604 L9 (5A) (TREAT? OR PHARMACEUTICAL?)

FILE 'BIOTECHNO'
280839 TREAT?
7365 PHARMACEUTICAL?
L58 167 L10 (5A) (TREAT? OR PHARMACEUTICAL?)

FILE 'WPIDS'
1245061 TREAT?
212021 PHARMACEUTICAL?
L59 125 L11 (5A) (TREAT? OR PHARMACEUTICAL?)

TOTAL FOR ALL FILES
L60 6410 L12 (5A) (TREAT? OR PHARMACEUTICAL?)

=> s 124 and 160

FILE 'MEDLINE'
L61 43 L13 AND L49

FILE 'SCISEARCH'
L62 29 L14 AND L50

FILE 'LIFESCI'
L63 11 L15 AND L51

FILE 'BIOTECHDS'
L64 2 L16 AND L52

FILE 'BIOSIS'
L65 49 L17 AND L53

FILE 'EMBASE'
L66 40 L18 AND L54

FILE 'HCAPLUS'
L67 61 L19 AND L55

FILE 'NTIS'
L68 0 L20 AND L56

FILE 'ESBIOBASE'
L69 19 L21 AND L57

FILE 'BIOTECHNO'
L70 15 L22 AND L58

FILE 'WPIDS'
L71 2 L23 AND L59

TOTAL FOR ALL FILES

L72 271 L24 AND L60

=> s (l48 or l72) not 2003-2009/py

FILE 'MEDLINE'

4186057 2003-2009/PY

L73 80 (L37 OR L61) NOT 2003-2009/PY

FILE 'SCISEARCH'

7840368 2003-2009/PY

(20030000-20099999/PY)

L74 66 (L38 OR L62) NOT 2003-2009/PY

FILE 'LIFESCI'

1119247 2003-2009/PY

L75 35 (L39 OR L63) NOT 2003-2009/PY

FILE 'BIOTECHDS'

152024 2003-2009/PY

L76 2 (L40 OR L64) NOT 2003-2009/PY

FILE 'BIOSIS'

3750600 2003-2009/PY

L77 97 (L41 OR L65) NOT 2003-2009/PY

FILE 'EMBASE'

3599878 2003-2009/PY

L78 72 (L42 OR L66) NOT 2003-2009/PY

FILE 'HCAPLUS'

8314726 2003-2009/PY

L79 111 (L43 OR L67) NOT 2003-2009/PY

FILE 'NTIS'

110008 2003-2009/PY

L80 0 (L44 OR L68) NOT 2003-2009/PY

FILE 'ESBIOBASE'

2131506 2003-2009/PY

L81 45 (L45 OR L69) NOT 2003-2009/PY

FILE 'BIOTECHNO'

122467 2003-2009/PY

L82 51 (L46 OR L70) NOT 2003-2009/PY

FILE 'WPIDS'

7003782 2003-2009/PY

L83 1 (L47 OR L71) NOT 2003-2009/PY

TOTAL FOR ALL FILES

L84 560 (L48 OR L72) NOT 2003-2009/PY

=> s peroxisom?(5a)(target? or import? or transport?)(5a)(sequence# or signal#)

FILE 'MEDLINE'

18000 PEROXISOM?

476720 TARGET?

1223482 IMPORT?

387027 TRANSPORT?

962441 SEQUENCE#

472473 SIGNAL#

L85 782 PEROXISOM?(5A)(TARGET? OR IMPORT? OR TRANSPORT?)(5A)(SEQUENCE#

OR SIGNAL#)

FILE 'SCISEARCH'

20742 PEROXISOM?
565137 TARGET?
1402901 IMPORT?
610480 TRANSPORT?
791977 SEQUENCE#
601231 SIGNAL#
L86 719 PEROXISOM?(5A)(TARGET? OR IMPORT? OR TRANSPORT?)(5A)(SEQUENCE#
OR SIGNAL#)

FILE 'LIFESCI'

5727 PEROXISOM?
193100 TARGET?
410354 IMPORT?
107630 TRANSPORT?
375618 SEQUENCE#
178841 SIGNAL#
L87 342 PEROXISOM?(5A)(TARGET? OR IMPORT? OR TRANSPORT?)(5A)(SEQUENCE#
OR SIGNAL#)

FILE 'BIOTECHDS'

623 PEROXISOM?
43625 TARGET?
23055 IMPORT?
8984 TRANSPORT?
150792 SEQUENCE#
25491 SIGNAL#
L88 40 PEROXISOM?(5A)(TARGET? OR IMPORT? OR TRANSPORT?)(5A)(SEQUENCE#
OR SIGNAL#)

FILE 'BIOSIS'

24369 PEROXISOM?
450639 TARGET?
1168668 IMPORT?
3006430 TRANSPORT?
704590 SEQUENCE#
391715 SIGNAL#
L89 761 PEROXISOM?(5A)(TARGET? OR IMPORT? OR TRANSPORT?)(5A)(SEQUENCE#
OR SIGNAL#)

FILE 'EMBASE'

22547 PEROXISOM?
457742 TARGET?
1104861 IMPORT?
392156 TRANSPORT?
726209 SEQUENCE#
424385 SIGNAL#
L90 528 PEROXISOM?(5A)(TARGET? OR IMPORT? OR TRANSPORT?)(5A)(SEQUENCE#
OR SIGNAL#)

FILE 'HCAPLUS'

26691 PEROXISOM?
661949 TARGET?
1371906 IMPORT?
945702 TRANSPORT?
1008182 SEQUENCE#
787362 SIGNAL#
L91 795 PEROXISOM?(5A)(TARGET? OR IMPORT? OR TRANSPORT?)(5A)(SEQUENCE#
OR SIGNAL#)

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FILE 'NTIS'
    91 PEROXISOM?
    71476 TARGET?
    159412 IMPORT?
    150075 TRANSPORT?
    30507 SEQUENCE#
    76785 SIGNAL#
L92      0 PEROXISOM?(5A)(TARGET? OR IMPORT? OR TRANSPORT?)(5A)(SEQUENCE#
        OR SIGNAL#)

FILE 'ESBIOBASE'
    12241 PEROXISOM?
    295616 TARGET?
    552559 IMPORT?
    304546 TRANSPORT?
    344092 SEQUENCE#
    250087 SIGNAL#
L93      520 PEROXISOM?(5A)(TARGET? OR IMPORT? OR TRANSPORT?)(5A)(SEQUENCE#
        OR SIGNAL#)

FILE 'BIOTECHNO'
    4748 PEROXISOM?
    111737 TARGET?
    184414 IMPORT?
    85418 TRANSPORT?
    375038 SEQUENCE#
    115083 SIGNAL#
L94      370 PEROXISOM?(5A)(TARGET? OR IMPORT? OR TRANSPORT?)(5A)(SEQUENCE#
        OR SIGNAL#)

FILE 'WPIDS'
    2276 PEROXISOM?
    254440 TARGET?
    35776 IMPORT?
    389581 TRANSPORT?
    343608 SEQUENCE#
    1740146 SIGNAL#
L95      33 PEROXISOM?(5A)(TARGET? OR IMPORT? OR TRANSPORT?)(5A)(SEQUENCE#
        OR SIGNAL#)

TOTAL FOR ALL FILES
L96      4890 PEROXISOM?(5A)(TARGET? OR IMPORT? OR TRANSPORT?)(5A)(SEQUENCE#
        OR SIGNAL#)

=> s l96(15a)(muta? or variant# or modif? or consensus or canonical)
FILE 'MEDLINE'
    636533 MUTA?
    144689 VARIANT#
    511687 MODIF?
    72712 CONSENSUS
    11586 CANONICAL
L97      111 L85(15A)(MUTA? OR VARIANT# OR MODIF? OR CONSENSUS OR CANONICAL)

FILE 'SCISEARCH'
    630616 MUTA?
    168010 VARIANT#
    719970 MODIF?
    64407 CONSENSUS
    38482 CANONICAL
L98      112 L86(15A)(MUTA? OR VARIANT# OR MODIF? OR CONSENSUS OR CANONICAL)

FILE 'LIFESCI'

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300721 MUTA?
55154 VARIANT#
146323 MODIF?
22302 CONSENSUS
7493 CANONICAL
L99      86 L87(15A) (MUTA? OR VARIANT# OR MODIF? OR CONSENSUS OR CANONICAL)

FILE 'BIOTECHDS'
53602 MUTA?
19401 VARIANT#
46847 MODIF?
2938 CONSENSUS
311 CANONICAL
L100     8 L88(15A) (MUTA? OR VARIANT# OR MODIF? OR CONSENSUS OR CANONICAL)

FILE 'BIOSIS'
702855 MUTA?
152090 VARIANT#
525383 MODIF?
47288 CONSENSUS
14517 CANONICAL
L101    121 L89(15A) (MUTA? OR VARIANT# OR MODIF? OR CONSENSUS OR CANONICAL)

FILE 'EMBASE'
540842 MUTA?
126681 VARIANT#
450762 MODIF?
62324 CONSENSUS
9066 CANONICAL
L102     94 L90(15A) (MUTA? OR VARIANT# OR MODIF? OR CONSENSUS OR CANONICAL)

FILE 'HCAPLUS'
651827 MUTA?
145543 VARIANT#
1184285 MODIF?
39767 CONSENSUS
26068 CANONICAL
L103    141 L91(15A) (MUTA? OR VARIANT# OR MODIF? OR CONSENSUS OR CANONICAL)

FILE 'NTIS'
10982 MUTA?
5101 VARIANT#
101697 MODIF?
3956 CONSENSUS
2724 CANONICAL
L104     0 L92(15A) (MUTA? OR VARIANT# OR MODIF? OR CONSENSUS OR CANONICAL)

FILE 'ESBIOBASE'
347443 MUTA?
67156 VARIANT#
219519 MODIF?
29156 CONSENSUS
9233 CANONICAL
L105    110 L93(15A) (MUTA? OR VARIANT# OR MODIF? OR CONSENSUS OR CANONICAL)

FILE 'BIOTECHNO'
242571 MUTA?
41198 VARIANT#
86734 MODIF?
18766 CONSENSUS
2859 CANONICAL
L106     91 L94(15A) (MUTA? OR VARIANT# OR MODIF? OR CONSENSUS OR CANONICAL)

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FILE 'WPIDS'
    41608 MUTA?
    37913 VARIANT#
    382755 MODIF?
    3237 CONSENSUS
    722 CANONICAL
L107      5 L95(15A) (MUTA? OR VARIANT# OR MODIF? OR CONSENSUS OR CANONICAL)

TOTAL FOR ALL FILES
L108      879 L96(15A) (MUTA? OR VARIANT# OR MODIF? OR CONSENSUS OR CANONICAL)

=> s l108 not 2003-2009/py
FILE 'MEDLINE'
    4186057 2003-2009/PY
L109      82 L97 NOT 2003-2009/PY

FILE 'SCISEARCH'
    7840368 2003-2009/PY
           (20030000-20099999/PY)
L110      82 L98 NOT 2003-2009/PY

FILE 'LIFESCI'
    1119247 2003-2009/PY
L111      65 L99 NOT 2003-2009/PY

FILE 'BIOTECHDS'
    152024 2003-2009/PY
L112      3 L100 NOT 2003-2009/PY

FILE 'BIOSIS'
    3750600 2003-2009/PY
L113      90 L101 NOT 2003-2009/PY

FILE 'EMBASE'
    3599878 2003-2009/PY
L114      71 L102 NOT 2003-2009/PY

FILE 'HCAPLUS'
    8314726 2003-2009/PY
L115      98 L103 NOT 2003-2009/PY

FILE 'NTIS'
    110008 2003-2009/PY
L116      0 L104 NOT 2003-2009/PY

FILE 'ESBIOBASE'
    2131506 2003-2009/PY
L117      76 L105 NOT 2003-2009/PY

FILE 'BIOTECHNO'
    122467 2003-2009/PY
L118      86 L106 NOT 2003-2009/PY

FILE 'WPIDS'
    7003782 2003-2009/PY
L119      1 L107 NOT 2003-2009/PY

TOTAL FOR ALL FILES
L120      654 L108 NOT 2003-2009/PY

=> dup rem l120

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PROCESSING COMPLETED FOR L120

L121 201 DUP REM L120 (453 DUPLICATES REMOVED)

=> d tot

L121 ANSWER 1 OF 201 BIOTECHDS COPYRIGHT 2009 THOMSON REUTERS on STN
TI Preparing a synthetic nucleic acid molecule with reduced inappropriate transcriptional characteristics when expressed in a cell, for e.g making fusion proteins, by altering a wild type or another synthetic nucleic acid sequence;
recombinant enzyme gene production, vector expression in host cell, promoter, selectable marker useful in gene therapy, gene expression level measurement and pharmaceutical development
AU WOOD K V; WOOD M G; ZHUANG Y; PAGUIO A
AN 2002-12721 BIOTECHDS
PI WO 2002016944 28 Feb 2002

L121 ANSWER 2 OF 201 MEDLINE on STN DUPLICATE 1
TI Intracellular localization, function, and dysfunction of the peroxisome-targeting signal type 2 receptor, Pex7p, in mammalian cells.
SO The Journal of biological chemistry, (2002 Mar 15) Vol. 277, No. 11, pp. 9548-61. Electronic Publication: 2001-12-27.
Journal code: 2985121R. ISSN: 0021-9258.
AU Mukai Satoru; Ghaedi Kamran; Fujiki Yukio
AN 2002154755 MEDLINE

L121 ANSWER 3 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 2002198821 ESBIODBASE
TI Intracellular localization, function, and dysfunction of the peroxisome-targeting signal type 2 receptor, Pex7p, in mammalian cells
AU Mukai, Satoru; Fujiki, Yukio; Ghaedi, Kamran
CS Mukai, Satoru; Fujiki, Yukio (Department of Biology, Faculty of Sciences, Kyushu University Graduate School, Fukuoka 812-8581 (JP)); Fujiki, Yukio (Dept. of Biology, Faculty of Sciences, Kyushu University Graduate School, 6-10-1 Hakozaki, Higashi-ku, Fukuoka 812-8581 (JP)); Ghaedi, Kamran (SORST, Japan Science and Technology Corporation, Kawaguchi, Saitama 332-0012, JPN)
EMAIL: yfujiscb@mbbox.nc.kyushu-u.ac.jp
SO Journal of Biological Chemistry (15 Mar 2002) Volume 277, Number 11, pp. 9548-9561, 58 refs.
CODEN: JBCHA3 ISSN: 0021-9258
DOI: 10.1074/jbc.M108635200
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 1 Feb 2009
Last updated on STN: 1 Feb 2009

L121 ANSWER 4 OF 201 MEDLINE on STN DUPLICATE 2
TI Identification of a type 1 peroxisomal targeting signal in a viral protein and demonstration of its targeting to the organelle.
SO Journal of virology, (2002 Mar) Vol. 76, No. 5, pp. 2543-7.
Journal code: 0113724. ISSN: 0022-538X.
Report No.: NLM-PMC153815.
AU Mohan K V K; Som I; Atreya C D
AN 2002111915 MEDLINE

L121 ANSWER 5 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 2002043424 ESBIODBASE

TI Identification of a type 1 peroxisomal targeting signal in a viral protein and demonstration of its targeting to the organelle
AU Mohan, K.V.K.; Som, I.; Atreya, C.D.
CS Mohan, K.V.K.; Som, I.; Atreya, C.D. (HFM-460, CBER/FDA, NIH Campus, 8800 Rockville Pike, Bethesda, MD 20892 (US))
SO Journal of Virology (2002) Volume 76, Number 5, pp. 2543-2547, 30 refs.
CODEN: JOVIAM ISSN: 0022-538X
DOI: 10.1128/jvi.76.5.2543-2547.2002
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 1 Feb 2009
Last updated on STN: 1 Feb 2009

L121 ANSWER 6 OF 201 MEDLINE on STN DUPLICATE 3
TI A novel pex2 mutant: catalase-deficient but temperature-sensitive PTS1 and PTS2 import.
SO Biochemical and biophysical research communications, (2002 May 24) Vol. 293, No. 5, pp. 1523-9.
Journal code: 0372516. ISSN: 0006-291X.
AU Akiyama Noriko; Ghaedi Kamran; Fujiki Yukio
AN 2002312748 MEDLINE

L121 ANSWER 7 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 2002146774 ESBIODBASE
TI A novel pex2 mutant: Catalase-deficient but temperature-sensitive PTS1 and PTS2 importq
AU Akiyama, Noriko; Ghaedi, Kamran; Fujiki, Yukio
CS Akiyama, Noriko; Ghaedi, Kamran; Fujiki, Yukio (Department of Biology, Faculty of Sciences, Kyushu University Graduate School, 6-10-1 Hakozaki, Higashi-ku, Fukuoka 812-8581 (JP)); Fujiki, Yukio (SORST, Japan Science and Technology Corporation, Kawaguchi, Saitama 332-0012 (JP))
EMAIL: yfujiscb@mbbox.nc.kyushu-u.ac.jp
SO Biochemical and Biophysical Research Communications (2002) Volume 293, Number 5, pp. 1523-1529, 35 refs.
CODEN: BBRCA9 ISSN: 0006-291X
DOI: 10.1016/S0006-291X(02)00419-9
PUI S0006291X02004199
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 1 Feb 2009
Last updated on STN: 1 Feb 2009

L121 ANSWER 8 OF 201 HCAPLUS COPYRIGHT 2009 ACS on STN
TI Mutational spectrum in the PEX7 gene and functional analysis of mutant alleles in 78 patients with rhizomelic chondrodysplasia punctata type 1
SO American Journal of Human Genetics (2002), 70(3), 612-624
CODEN: AJHGAG; ISSN: 0002-9297
AU Motley, Alison M.; Brites, Pedro; Gerez, Lisy; Hogenhout, Eveline; Haasjes, Janet; Benne, Rob; Tabak, Henk F.; Wanders, Ronald J. A.; Waterham, Hans R.
AN 2002:274234 HCAPLUS
DN 137:183736

L121 ANSWER 9 OF 201 MEDLINE on STN DUPLICATE 4
TI Synthesis of a novel class of polyhydroxyalkanoates in Arabidopsis peroxisomes, and their use in monitoring short-chain-length intermediates of beta-oxidation.

SO Plant & cell physiology, (2002 May) Vol. 43, No. 5, pp. 555-62.
Journal code: 9430925. ISSN: 0032-0781.

AU Arai Yuko; Nakashita Hideo; Suzuki Yoshikatu; Kobayashi Yumiko; Shimizu Toshiyuki; Yasuda Michiko; Doi Yoshiharu; Yamaguchi Isamu

AN 2002299377 MEDLINE

L121 ANSWER 10 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN

AN 2002129484 ESBIODBASE

TI Synthesis of a novel class of polyhydroxyalkanoates in Arabidopsis peroxisomes, and their use in monitoring short-chain-length intermediates of β -oxidation

AU Arai, Yuko; Nakashita, Hideo; Suzuki, Yoshikatu; Kobayashi, Yumiko; Shimizu, Toshiyuki; Yasuda, Michiko; Doi, Yoshiharu; Yamaguchi, Isamu

CS Arai, Yuko; Nakashita, Hideo; Suzuki, Yoshikatu; Kobayashi, Yumiko; Shimizu, Toshiyuki; Yasuda, Michiko; Doi, Yoshiharu; Yamaguchi, Isamu (RIKEN Institute, 2-1 Hirosawa, Wako-shi, Saitama, 351-0198 (JP)); Arai, Yuko; Yasuda, Michiko; Yamaguchi, Isamu (Graduate School of Science and Engineering, Saitama University, 255 Shimookubo, Saitama-shi, Saitama, 338-8570 (JP))
EMAIL: nakashi@postman.riken.go.jp

SO Plant and Cell Physiology (2002) Volume 43, Number 5, pp. 555-562, 23 refs.
CODEN: PCPHA5 ISSN: 0032-0781

CY Japan

DT Journal; Article

LA English

SL English

ED Entered STN: 1 Feb 2009
Last updated on STN: 1 Feb 2009

L121 ANSWER 11 OF 201 MEDLINE on STN DUPLICATE 5

TI Analyses in transfected cells and in vitro of a putative peroxisomal targeting signal of rat liver serine:pyruvate aminotransferase.

SO Histochemistry and cell biology, (2002 Oct) Vol. 118, No. 4, pp. 321-8.
Electronic Publication: 2002-09-05.
Journal code: 9506663. ISSN: 0948-6143.

AU Mizuno Takuji; Ito Kouichi; Uchida Chiharu; Kitagawa Masatoshi; Ichiyama Arata; Miura Satoshi; Fujita Kimio; Oda Toshiaki

AN 2002619173 MEDLINE

L121 ANSWER 12 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN

AN 2002243756 ESBIODBASE

TI Analyses in transfected cells and in vitro of a putative peroxisomal targeting signal of rat liver serine:pyruvate aminotransferase

AU Mizuno, Takuji; Ito, Kouichi; Uchida, Chiharu; Kitagawa, Masatoshi; Ichiyama, Arata; Oda, Toshiaki; Miura, Satoshi; Fujita, Kimio

CS Mizuno, Takuji; Ito, Kouichi; Uchida, Chiharu; Kitagawa, Masatoshi; Ichiyama, Arata; Oda, Toshiaki (Department of Biochemistry, Hamamatsu University School of Medicine, 1-20-1 Handayama, Hamamatsu, Shizuoka 431-3192 (JP)); Miura, Satoshi (Radioisotope Research Center, Yokohama City University School of Medicine, Yokohama, Kanagawa 236-0004 (JP)); Fujita, Kimio (Department of Urology, Hamamatsu University School of Medicine, Hamamatsu, Shizuoka 431-3192 (JP))
EMAIL: odat129@hama-med.ac.jp

SO Histochemistry and Cell Biology (2002) Volume 118, Number 4, pp. 321-328, 25 refs.
CODEN: HCBIFP ISSN: 0948-6143

CY Germany

DT Journal; Article

LA English

SL English
ED Entered STN: 1 Feb 2009
Last updated on STN: 1 Feb 2009

L121 ANSWER 13 OF 201 LIFESCI COPYRIGHT 2009 CSA on STN DUPLICATE 6
TI Mutation Analysis of PEX7 in 60 Probands With Rhizomelic Chondrodysplasia
Punctata and Functional Correlations of Genotype With Phenotype
SO Human Mutation [Hum. Mutat.], (20020000) vol. 20, no. 4, pp. 284-297.
ISSN: 1059-7794.
AU Braverman, N.; Chen, Li; Lin, P.; Obie, C.; Steel, G.; Douglas, P.;
Chakraborty, P.K.; Clarke, J.T.R.; Boneh, A.; Moser, A.; Moser, H.; Valle,
D.
AN 2003:85968 LIFESCI

L121 ANSWER 14 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN
AN 2002230334 ESBIODBASE
TI Mutation analysis of PEX7 in 60 probands with rhizomelic
chondrodysplasia punctata and functional correlations of genotype with
phenotype
AU Braverman, Nancy; Chen, Li; Douglas, Pamela; Valle, David; Lin, Paul;
Obie, Cassandra; Steel, Gary; Chakraborty, Pranesh K.; Clarke, Joe T.R.;
Boneh, Avihu; Moser, Ann; Moser, Hugo
CS Braverman, Nancy; Chen, Li; Douglas, Pamela; Valle, David
(McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins
University, School of Medicine, Baltimore, MD (US)); Braverman, Nancy
(CMSC 1004, Johns Hopkins Medical Center, 600 North Wolfe Street,
Baltimore, MD 21205 (US)); Valle, David; Lin, Paul; Obie, Cassandra;
Steel, Gary (Howard Hughes Medical Institute, Johns Hopkins University,
School of Medicine, Baltimore, MD (US)); Chakraborty, Pranesh K.;
Clarke, Joe T.R. (Department of Clinical and Metabolic Genetics,
Hospital for Sick Children, Toronto, Ont. (CA)); Boneh, Avihu (Murdoch
Children's Research Institute, Department of Metabolic Science, Royal
Children's Hospital, Melbourne, Vic. (AU)); Moser, Ann; Moser, Hugo
(Kennedy Krieger Institute, Johns Hopkins University, School of
Medicine, Baltimore, MD (US))
EMAIL: nbraverm@jhmi.edu
SO Human Mutation (2002) Volume 20, Number 4, pp. 284-297, 55 refs.
CODEN: HUMUE3 ISSN: 1059-7794
DOI: 10.1002/humu.10124
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 1 Feb 2009
Last updated on STN: 1 Feb 2009

L121 ANSWER 15 OF 201 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on
STN
TI Isolation of PEX7-defective CHO cell pex mutants by a
modified method using peroxisome targeting
signal 2 (PTS2)-tagged enhanced green fluorescent protein.
SO Cell Structure and Function, (August 2002) Vol. 27, No. 4, pp. 256. print.
Meeting Info.: Fifty-fifth Annual Meeting of the Japan Society for Cell
Biology. Yokohama, Japan. May 21-23, 2002.
ISSN: 0386-7196 (ISSN print).
AU Yanago, Eiko [Reprint Author]; Hiromasa, Takahide [Reprint Author];
Matsumura, Tsuyoshi [Reprint Author]; Fujiki, Yukio [Reprint Author]
AN 2003:81196 BIOSIS

L121 ANSWER 16 OF 201 MEDLINE on STN DUPLICATE 7
TI Isolation of Chinese hamster ovary cell pex mutants: two PEX7-defective

mutants.

SO Biochemical and biophysical research communications, (2002 Apr 26) Vol. 293, No. 1, pp. 225-30.
Journal code: 0372516. ISSN: 0006-291X.

AU Yanago Eiko; Hiromasa Takahide; Matsumura Tsuyoshi; Kinoshita Naohiko; Fujiki Yukio

AN 2002311095 MEDLINE

L121 ANSWER 17 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN

AN 2002149217 ESBIODBASE

TI Isolation of Chinese hamster ovary cell pex mutants: Two PEX7-defective mutants

AU Yanago, Eiko; Hiromasa, Takahide; Matsumura, Tsuyoshi; Kinoshita, Naohiko; Fujiki, Yukio

CS Yanago, Eiko; Hiromasa, Takahide; Matsumura, Tsuyoshi; Kinoshita, Naohiko; Fujiki, Yukio (Department of Biology, Faculty of Sciences, Kyushu University Graduate School, Fukuoka 812-8581 (JP)); Fujiki, Yukio (SORST, Japan Science and Technology Corporation, Kawaguchi, Saitama 332-0012 (JP))
EMAIL: yfujiscb@mbbox.nc.kyushu-u.ac.jp

SO Biochemical and Biophysical Research Communications (2002) Volume 293, Number 1, pp. 225-230, 29 refs.
CODEN: BBRCA9 ISSN: 0006-291X
DOI: 10.1016/S0006-291X(02)00219-X

PUI S0006291X0200219X

CY United States of America

DT Journal; Article

LA English

SL English

ED Entered STN: 1 Feb 2009
Last updated on STN: 1 Feb 2009

L121 ANSWER 18 OF 201 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN

TI Pex14p: Just a docking protein?.

SO Molecular Biology of the Cell, (Nov 2002) Vol. 13, No. Supplement, pp. 131a. print.
Meeting Info.: 42nd Annual Meeting of the American Society for Cell Biology. San Francisco, CA, USA. December 14-18, 2002. American Society for Cell Biology.
ISSN: 1059-1524 (ISSN print).

AU Gouveia, A. M. [Reprint Author]; Guimaraes, C. P. [Reprint Author]; Oliveira, M. E. [Reprint Author]; Reguenga, C. [Reprint Author]; Sa-Miranda, C. [Reprint Author]; Azevedo, J. E. [Reprint Author]

AN 2003:166083 BIOSIS

L121 ANSWER 19 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN

AN 2002238782 ESBIODBASE

TI Two long-chain acyl-CoA synthetases from Arabidopsis thaliana involved in peroxisomal fatty acid β -oxidation

AU Fulda, Martin; Werber, Martin; Wolter, Frank P.; Heinz, Ernst; Shockey, Jay

CS Fulda, Martin; Werber, Martin; Wolter, Frank P.; Heinz, Ernst (Universitat Hamburg, Institut fur Allgemeine Botanik, Ohnhorststr. 18, 22609 Hamburg (DE)); Fulda, Martin; Shockey, Jay (Institute of Biological Chemistry, Washington State University, Pullman, WA 99163 (US)); Werber, Martin (Max-Planck Institut fur Zuchtforschung, Carl-von-Linne-Weg 10, 50829 Cologne (DE)); Wolter, Frank P. (Gesellschaft fur Erwerb und Verwertung von Schutzrechten, Kaufmannstr. 71-73, 53115 Bonn (DE))

SO Plant Journal (Oct 2002) Volume 32, Number 1, pp. 93-103, 45 refs.
 CODEN: PLJUED ISSN: 0960-7412
 DOI: 10.1046/j.1365-313X.2002.01405.x
 CY United Kingdom
 DT Journal; Article
 LA English
 SL English
 ED Entered STN: 1 Feb 2009
 Last updated on STN: 1 Feb 2009

L121 ANSWER 20 OF 201 BIOTECHNO COPYRIGHT 2009 Elsevier Science B.V. on STN
 TI Two long-chain acyl-CoA synthetases from Arabidopsis thaliana involved in
 peroxisomal fatty acid β -oxidation
 SO Plant Journal, (2002), 32/1 (93-103), 45 reference(s)
 CODEN: PLJUED ISSN: 0960-7412
 AU Fulda M.; Shockey J.; Werber M.; Wolter F.P.; Heinz E.
 AN 2002:35180927 BIOTECHNO

L121 ANSWER 21 OF 201 MEDLINE on STN DUPLICATE 8
 TI In situ measurements of the pH of mammalian peroxisomes using the
 fluorescent protein pHluorin.
 SO The Journal of biological chemistry, (2001 Dec 28) Vol. 276, No. 52, pp.
 48748-53. Electronic Publication: 2001-10-18.
 Journal code: 2985121R. ISSN: 0021-9258.
 AU Jankowski A; Kim J H; Collins R F; Daneman R; Walton P; Grinstein S
 AN 2002003433 MEDLINE

L121 ANSWER 22 OF 201 LIFESCI COPYRIGHT 2009 CSA on STN DUPLICATE 9
 TI Recognition of Peroxisomal Targeting Signal Type 1 by the Import Receptor
 Pex5p
 SO Journal of Biological Chemistry [J. Biol. Chem.], (20010504) vol. 276, no.
 18, pp. 15034-15041.
 ISSN: 0021-9258.
 AU Klein, A.T.J.; Barnett, P.; Bottger, G.; Konings, D.; Tabak, H.F.; Distel,
 B.
 AN 2001:71350 LIFESCI

L121 ANSWER 23 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
 on STN
 AN 2003277043 ESBIODBASE
 TI Recognition of Peroxisomal Targeting Signal Type 1 by the Import
 Receptor Pex5p
 AU Klein, Andre T. J.; Barnett, Phil; Bottger, Gina; Konings, Daphne;
 Tabak, Henk F.; Distel, Ben
 CS Klein, Andre T. J.; Barnett, Phil; Bottger, Gina; Konings, Daphne;
 Tabak, Henk F.; Distel, Ben (Department of Biochemistry, Academic
 Medical Center, University of Amsterdam, Meibergdreef 15, 1105 AZ
 Amsterdam (NL))
 EMAIL: b.distel@amc.uva.nl
 SO Journal of Biological Chemistry (4 May 2001) Volume 276, Number 18, pp.
 15034-15041, 51 refs.
 CODEN: JBCHA3 ISSN: 0021-9258
 DOI: 10.1074/jbc.M010776200
 CY United States of America
 DT Journal; Article
 LA English
 SL English
 ED Entered STN: 2 Feb 2009
 Last updated on STN: 2 Feb 2009

L121 ANSWER 24 OF 201 MEDLINE on STN DUPLICATE 10
 TI Antioxidant system within yeast peroxisome. Biochemical and physiological

characterization of CbPmp20 in the methylotrophic yeast *Candida boidinii*.
SO The Journal of biological chemistry, (2001 Apr 27) Vol. 276, No. 17, pp. 14279-88. Electronic Publication: 2001-01-30.
Journal code: 2985121R. ISSN: 0021-9258.
AU Horiguchi H; Yurimoto H; Kato N; Sakai Y
AN 2001340981 MEDLINE

L121 ANSWER 25 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN
AN 2003282484 ESBIOBASE
TI Antioxidant system within yeast peroxisome. Biochemical and
physiological characterization of CbPmp20 in the methylotrophic yeast
Candida boidinii
AU Horiguchi, Hirofumi; Yurimoto, Hiroya; Kato, Nobuo; Sakai, Yasuyoshi
CS EMAIL: ysakai@kais.kyoto-u.ac.jp
SO Journal of Biological Chemistry (27 Apr 2001) Volume 276, Number 17, pp. 14279-14288, 68 refs.
CODEN: JBCHA3 ISSN: 0021-9258
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 2 Feb 2009
Last updated on STN: 2 Feb 2009

L121 ANSWER 26 OF 201 MEDLINE on STN DUPLICATE 11
TI Peroxisomal metabolic function is required for appressorium-mediated plant
infection by *Colletotrichum lagenarium*.
SO The Plant cell, (2001 Aug) Vol. 13, No. 8, pp. 1945-57.
Journal code: 9208688. ISSN: 1040-4651.
Report No.: NLM-PMC139132.
AU Kimura A; Takano Y; Furusawa I; Okuno T
AN 2001441830 MEDLINE

L121 ANSWER 27 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN
AN 2001193784 ESBIOBASE
TI Peroxisomal metabolic function is required for appressorium-mediated
plant infection by *Colletotrichum lagenarium*
AU Kimura, A.; Takano, Y.; Furusawa, I.; Okuno, T.
CS Kimura, A.; Takano, Y.; Furusawa, I.; Okuno, T. (Laboratory of Plant
Pathology, Graduate School of Agriculture, Kyoto University, Kyoto
606-8502 (JP))
SO Plant Cell (2001) Volume 13, Number 8, pp. 1945-1957, 58 refs.
CODEN: PLCEEW ISSN: 1040-4651
DOI: 10.1105/tpc.13.8.1945
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 1 Feb 2009
Last updated on STN: 1 Feb 2009

L121 ANSWER 28 OF 201 MEDLINE on STN DUPLICATE 12
TI Peroxisomal targeting of mammalian hydroxyacid oxidase 1 requires the
C-terminal tripeptide SKI.
SO Journal of cell science, (2001 May) Vol. 114, No. Pt 9, pp. 1625-9.
Journal code: 0052457. ISSN: 0021-9533.
AU Recalcati S; Menotti E; Kuhn L C
AN 2001219263 MEDLINE

L121 ANSWER 29 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.

on STN
 AN 2001117677 ESBIODBASE
 TI Peroxisomal targeting of mammalian hydroxyacid oxidase 1 requires the C-terminal tripeptide SKI
 AU Recalcatti, Stefania; Menotti, Eric; Kuhn, Lukas C.
 CS Recalcatti, Stefania; Menotti, Eric; Kuhn, Lukas C. (Swiss Institute for Experimental Cancer Research, Ch. des Boveresses, CH-1066 Epalinges, s/Lausanne (CH)); Recalcatti, Stefania (Cattedra di Gastroenterologia IRCCS Ospedale Maggiore Milano, (IT))
 EMAIL: lukas.kuehn@isrec.unil.ch
 SO Journal of Cell Science (2001) Volume 114, Number 9, pp. 1625-1629, 10 refs.
 CODEN: JNCSAI ISSN: 0021-9533
 CY United Kingdom
 DT Journal; Article
 LA English
 SL English
 ED Entered STN: 1 Feb 2009
 Last updated on STN: 1 Feb 2009

L121 ANSWER 30 OF 201 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN
 TI Mutations in the AAAS gene encoding a novel protein with a peroxisome targeting signal 1 (PTS1) cause triple A syndrome.
 SO European Journal of Human Genetics, (2001) Vol. 9, No. Supplement 1, pp. P1436. print.
 Meeting Info.: 10th International Congress of Human Genetics. Vienna, Austria. May 15-19, 2001. International Federation of Human Genetics Societies.
 ISSN: 1018-4813.
 AU Handschug, K. [Reprint Author]; Sperling, S.; Lee, H.; Hennig, S.; Oberender, F. [Reprint Author]; Hilscher, C. [Reprint Author]; Petzold, H. [Reprint Author]; Yoon, S. K.; Clark, A. J. L.; Huebner, A. [Reprint Author]
 AN 2003:381358 BIOSIS

L121 ANSWER 31 OF 201 MEDLINE on STN DUPLICATE 13
 TI Expression of human BRE in multiple isoforms.
 SO Biochemical and biophysical research communications, (2001 Nov 2) Vol. 288, No. 3, pp. 535-45.
 Journal code: 0372516. ISSN: 0006-291X.
 AU Ching A K; Li P S; Li Q; Chan B C; Chan J Y; Lim P L; Pang J C; Chui Y L
 AN 2001642304 MEDLINE

L121 ANSWER 32 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
 AN 2001251461 ESBIODBASE
 TI Expression of human BRE in multiple isoforms
 AU Kar Keung Ching, Arthur; Shan Li, Pik; Li, Qing; Chung Lap Chan, Ben; Leong Lim, Pak; Loon Chui, Yiu; Chung Sean Pang, Jesse; Yeuk Hon Chan, John
 CS Kar Keung Ching, Arthur; Shan Li, Pik; Li, Qing; Chung Lap Chan, Ben; Leong Lim, Pak; Loon Chui, Yiu (Clinical Immunology Unit and Sir Y. K. Pao Centre for Cancer, Prince of Wales Hospital, Chinese University of Hong Kong, Shatin (HK)); Chung Sean Pang, Jesse (Department of Anatomical and Cellular Pathology, Prince of Wales Hospital, Chinese University of Hong Kong, Shatin (HK)); Yeuk Hon Chan, John (Institute of Radiological Science, National Yang Ming University, Taipei (TW))
 SO Biochemical and Biophysical Research Communications (2 Nov 2001) Volume 288, Number 3, pp. 535-545, 29 refs.
 CODEN: BBRCA9 ISSN: 0006-291X

DOI: 10.1006/bbrc.2001.5801
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 1 Feb 2009
Last updated on STN: 1 Feb 2009

L121 ANSWER 33 OF 201 HCAPLUS COPYRIGHT 2009 ACS on STN
TI Temperature-Sensitive Phenotype of Chinese Hamster Ovary Cells Defective
in PEX5 Gene
SO Biochemical and Biophysical Research Communications (2001), 288(2),
321-327
CODEN: BBRC A9; ISSN: 0006-291X
AU Ito, Ritsu; Huang, Yuan; Yao, Can; Shimozawa, Nobuyuki; Suzuki, Yasuyuki;
Kondo, Naomi; Imanaka, Tsuneo; Usuda, Nobuteru; Ito, Masaki
AN 2001:759950 HCAPLUS
DN 136:115955

L121 ANSWER 34 OF 201 MEDLINE on STN DUPLICATE 14
TI The tetratricopeptide repeat domains of human, tobacco, and nematode PEX5
proteins are functionally interchangeable with the analogous native domain
for peroxisomal import of PTS1-terminated proteins in yeast.
SO Molecular genetics and genomics : MGG, (2001 Apr) Vol. 265, No. 2, pp.
276-86.
Journal code: 101093320. ISSN: 1617-4615.
AU Gurvitz A; Wabnegger L; Langer S; Hamilton B; Ruis H; Hartig A
AN 2001275464 MEDLINE

L121 ANSWER 35 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN
AN 2001093060 ESBIODASE
TI The tetratricopeptide repeat domains of human, tobacco, and nematode
PEX5 proteins are functionally interchangeable with the analogous native
domain for peroxisomal import of PTS1-terminated proteins in yeast
AU Gurvitz, A.; Wabnegger, L.; Langer, S.; Hamilton, B.; Ruis, H.; Hartig,
A.
CS Gurvitz, A.; Wabnegger, L.; Langer, S.; Hamilton, B.; Ruis, H.; Hartig,
A. (Vienna Biocenter, Inst. fur Biochem./Molek. Zellbiol., Universitat
Wien, Dr Bohrgasse 9, 1030 Vienna (AT))
SO Molecular and General Genetics (2001) Volume 265, Number 2, pp. 276-286,
52 refs.
CODEN: MGGEAE ISSN: 0026-8925
CY Germany
DT Journal; Article
LA English
SL English
ED Entered STN: 1 Feb 2009
Last updated on STN: 1 Feb 2009

L121 ANSWER 36 OF 201 MEDLINE on STN DUPLICATE 15
TI Cloning and expression in phospholipid containing cultures of the gene
encoding the specific phosphatidylglycerol/phosphatidylinositol transfer
protein from Aspergillus oryzae: evidence that the pg/pi-tp is tandemly
arranged with the putative 3-ketoacyl-CoA thiolase gene.
SO Gene, (2001 Jan 10) Vol. 262, No. 1-2, pp. 61-72.
Journal code: 7706761. ISSN: 0378-1119.
AU Record E; Moukha S; Asther M; Asther M
AN 2001381494 MEDLINE

L121 ANSWER 37 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN

AN 2001044726 ESBIODBASE
 TI Cloning and expression in phospholipid containing cultures of the gene encoding the specific phosphatidylglycerol/phosphatidylinositol transfer protein from *Aspergillus oryzae*: Evidence that the pg/pi-tp is tandemly arranged with the putative 3-ketoacyl-CoA thiolase gene
 AU Record, Eric; Moukha, Serge; Asther, Michele; Asther, Marcel
 CS Record, Eric; Moukha, Serge; Asther, Michele; Asther, Marcel
 (Laboratoire De Biotechnologie Des Champignons Filamenteux, INRA, Parc Scientifique Et Technologique, Case Postale 925, 13288 Marseille Cedex 09 (FR))
 EMAIL: eric.record@esil.univ-mrs.fr
 SO Gene (10 Jan 2001) Volume 262, Number 1-2, pp. 61-72, 34 refs.
 CODEN: GENED6 ISSN: 0378-1119
 DOI: 10.1016/S0378-1119(00)00514-X
 PUI S037811190000514X
 CY Netherlands
 DT Journal; Article
 LA English
 SL English
 ED Entered STN: 1 Feb 2009
 Last updated on STN: 1 Feb 2009

L121 ANSWER 38 OF 201 WPIDS COPYRIGHT 2009 THOMSON REUTERS on STN
 TI Automated method for analyzing peroxisome distribution and screening compounds to treat obesity and diabetes by obtaining luminescent signals from cells having a luminescent reporter molecule with a peroxisome targeting sequence
 PI WO 2000070342 A2 20001123 (200105)* EN 119[24]
 RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL
 OA PT SD SE SL SZ TZ UG ZW
 W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES
 FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
 LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
 TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
 AU 2000052699 A 20001205 (200113) EN
 EP 1185863 A2 20020313 (200225) EN
 R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT
 RO SE SI
 IN LAPETS O; OLSON K

L121 ANSWER 39 OF 201 MEDLINE on STN DUPLICATE 16
 TI Disruption of the interaction of the longer isoform of Pex5p, Pex5pL, with Pex7p abolishes peroxisome targeting signal type 2 protein import in mammals. Study with a novel Pex5-impaired Chinese hamster ovary cell mutant.
 SO The Journal of biological chemistry, (2000 Jul 14) Vol. 275, No. 28, pp. 21715-21.
 Journal code: 2985121R. ISSN: 0021-9258.
 AU Matsumura T; Otera H; Fujiki Y
 AN 2000396734 MEDLINE

L121 ANSWER 40 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
 AN 2000168977 ESBIODBASE
 TI Disruption of the interaction of the longer isoform of Pex5p, Pex5pL, with Pex7p abolishes peroxisome targeting signal type 2 protein import in mammals. Study with a novel Pex5-impaired Chinese hamster ovary cell mutant
 AU Matsumura, Tsuyoshi; Otera, Hidenori; Fiyiki, Yukio
 CS Matsumura, Tsuyoshi; Otera, Hidenori; Fiyiki, Yukio (Department of Biology, Kyushu Univ. Grad. School of Science, Fukuoka 812-8581 (JP)); Fiyiki, Yukio (Core Res. Evolutional Sci. Technol., Japan Sci. and

Technol. Corporation, Tokyo 107-0013 (JP)); Fiyiki, Yukio (Dept. of Biology, Kyushu Univ. Grad. School of Science, 6-10-1 Hakozaki, Fukuoka 812-8581 (JP))

EMAIL: yfujiscb@mbox.nc.kyushu-u.ac.jp

SO Journal of Biological Chemistry (14 Jul 2000) Volume 275, Number 28, pp. 21715-21721, 37 refs.

CODEN: JBCHA3 ISSN: 0021-9258

DOI: 10.1074/jbc.M000721200

CY United States of America

DT Journal; Article

LA English

SL English

ED Entered STN: 31 Jan 2009

Last updated on STN: 31 Jan 2009

L121 ANSWER 41 OF 201 LIFESCI COPYRIGHT 2009 CSA on STN DUPLICATE 17

TI The Peroxisome Biogenesis Factors Pex4p, Pex22p, Pex1p, and Pex6p Act in the Terminal Steps of Peroxisomal Matrix Protein Import

SO Molecular and Cellular Biology [Mol. Cell. Biol.], (20001000) vol. 20, no. 20, pp. 7516-7526.

ISSN: 0270-7306.

AU Collins, C.S.; Kalish, J.E.; Morrell, J.C.; McCaffery, J.M.; Gould, S.J.*

AN 2000:116151 LIFESCI

L121 ANSWER 42 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN

AN 2000224701 ESBIODBASE

TI The peroxisome biogenesis factors Pex4p, Pex22p, Pex1p, and Pex6p act in the terminal steps of peroxisomal matrix protein import

AU Collins, C.S.; Kalish, J.E.; Morrell, J.C.; McCaffery, J.M.; Gould, S.J.

CS Collins, C.S.; Kalish, J.E.; Morrell, J.C.; McCaffery, J.M.; Gould, S.J. (Department of Biological Chemistry, Johns Hopkins Univ. Sch. of Medicine, 725 N. Wolfe St., Baltimore, MD 21205 (US))

SO Molecular and Cellular Biology (2000) Volume 20, Number 20, pp. 7516-7526, 50 refs.

CODEN: MCEBD4 ISSN: 0270-7306

DOI: 10.1128/MCB.20.20.7516-7526.2000

CY United States of America

DT Journal; Article

LA English

SL English

ED Entered STN: 31 Jan 2009

Last updated on STN: 31 Jan 2009

L121 ANSWER 43 OF 201 MEDLINE on STN DUPLICATE 18

TI AtPex14p maintains peroxisomal functions by determining protein targeting to three kinds of plant peroxisomes.

SO The EMBO journal, (2000 Nov 1) Vol. 19, No. 21, pp. 5701-10.

Journal code: 8208664. ISSN: 0261-4189.

Report No.: NLM-PMC305803.

AU Hayashi M; Nito K; Toriyama-Kato K; Kondo M; Yamaya T; Nishimura M

AN 2001037803 MEDLINE

L121 ANSWER 44 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN

AN 2000258482 ESBIODBASE

TI AtPex14p maintains peroxisomal functions by determining protein targeting to three kinds of plant peroxisomes

AU Hayashi, Makoto; Nito, Kazumasa; Toriyama-Kato, Kanako; Kondo, Maki; Nishimura, Mikio; Yamaya, Tomoyuki

CS Hayashi, Makoto; Nito, Kazumasa; Toriyama-Kato, Kanako; Kondo, Maki; Nishimura, Mikio (Department of Cell Biology, National Institute for

Basic Biology, Okazaki 444-8585 (JP)); Hayashi, Makoto; Yamaya, Tomoyuki (Department of Applied Plant Science, Graduate School of Agricultural Sciences, Tohoku University, 1-1 Tsutsumidori-Amamiyamachi, Aoba-ku, Sendai 981-8555 (JP)); Nito, Kazumasa; Nishimura, Mikio (Department of Molecular Biomechanics, School of Life Science, Graduate University of Advanced Studies, Okazaki 444-8585 (JP))

SO EMBO Journal (1 Nov 2000) Volume 19, Number 21, pp. 5701-5710, 48 refs.
CODEN: EMJODG ISSN: 0261-4189

CY United Kingdom

DT Journal; Article

LA English

SL English

ED Entered STN: 31 Jan 2009

Last updated on STN: 31 Jan 2009

L121 ANSWER 45 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN

AN 2000155035 ESBIOBASE

TI Phytanoyl-CoA hydroxylase activity is induced by phytanic acid

AU Zomer, Anna W. M.; Van Der Burg, Bart; Van Der Saag, Paul T.; Verhoeven, Nanda M.; Jakobs, Cornelis; Poll-The, Bwee Tien; Jansen, Gerbert A.; Wanders, Ronald J. A.

CS Zomer, Anna W. M.; Van Der Burg, Bart; Van Der Saag, Paul T. (Hubrecht Laboratory, Netherlands Inst. for Devmtl. B., Utrecht (NL), Uppsalalaan 8, 3584 CT Utrecht (NL)); Verhoeven, Nanda M.; Jakobs, Cornelis (Free University Hospital, Department of Clinical Chemistry, Metabolic Unit, Amsterdam (NL)); Poll-The, Bwee Tien (Dept. of Pediatrics/Metabolic D., University Medical Center Utrecht, Utrecht (NL)); Jansen, Gerbert A.; Wanders, Ronald J. A.

EMAIL: hanneke@niob.knaw.nl

SO European Journal of Biochemistry (2000) Volume 267, Number 13, pp. 4063-4067, 29 refs.

CODEN: EJBCAI ISSN: 0014-2956

DOI: 10.1046/j.1432-1327.2000.01451.x

CY United Kingdom

DT Journal; Article

LA English

SL English

ED Entered STN: 31 Jan 2009

Last updated on STN: 31 Jan 2009

L121 ANSWER 46 OF 201 BIOTECHNO COPYRIGHT 2009 Elsevier Science B.V. on STN

TI Phytanoyl-CoA hydroxylase activity is induced by phytanic acid

SO European Journal of Biochemistry, (2000), 267/13 (4063-4067), 29 reference(s)

CODEN: EJBCAI ISSN: 0014-2956

AU Zomer A.W.M.; Jansen G.A.; Van der Burg B.; Verhoeven N.M.; Jakobs C.; Van der Saag P.T.; Wanders R.J.A.; Poll-The B.T.

AN 2000:30436099 BIOTECHNO

L121 ANSWER 47 OF 201 MEDLINE on STN DUPLICATE 19

TI Toxoplasma gondii catalase: are there peroxisomes in toxoplasma?.

SO Journal of cell science, (2000 Jul) Vol. 113 (Pt 13), pp. 2409-19.
Journal code: 0052457. ISSN: 0021-9533.

AU Ding M; Clayton C; Soldati D

AN 2000437355 MEDLINE

L121 ANSWER 48 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN

AN 2000175063 ESBIOBASE

TI Toxoplasma gondii catalase: Are there peroxisomes in Toxoplasma

AU Ding, M.; Clayton, C.; Soldati, D.

CS Ding, M.; Clayton, C.; Soldati, D. (Zentrum fur Mol. Biologie
Heidelberg, Im Neuenheimer Feld 282, 69120 Heidelberg (DE))
SO Journal of Cell Science (2000) Volume 113, Number 13, pp. 2409-2419, 41
refs.
CODEN: JNCSAI ISSN: 0021-9533
CY United Kingdom
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 49 OF 201 MEDLINE on STN DUPLICATE 20
TI A missense mutation in the RING finger motif of PEX2 protein
disturbs the import of peroxisome targeting
signal 1 (PTS1)-containing protein but not the PTS2-containing
protein.
SO Biochemical and biophysical research communications, (2000 Apr 21) Vol.
270, No. 3, pp. 717-21.
Journal code: 0372516. ISSN: 0006-291X.
AU Huang Y; Ito R; Miura S; Hashimoto T; Ito M
AN 2000237067 MEDLINE

L121 ANSWER 50 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN
AN 2000158278 ESBIODBASE
TI A missense mutation in the RING finger motif of PEX2 protein
disturbs the import of peroxisome targeting
signal 1 (PTS1)-containing protein but not the PTS2-containing
protein
AU Huang, Yuan; Ito, Ritsu; Ito, Masaki; Miura, Satoshi; Hashimoto, Takashi
CS Huang, Yuan; Ito, Ritsu; Ito, Masaki (Department of Biology, Saga
Medical School, Saga, 849-8501 (JP)); Miura, Satoshi (Radioisotope
Research Center, Yokohama City University, School of Medicine, Yokohama,
236 (JP)); Hashimoto, Takashi (Department of Pathology, NW. University
Medical School, Chicago, IL 60611-3008 (US))
EMAIL: itohml@post.saga-med.ac.jp
SO Biochemical and Biophysical Research Communications (21 Apr 2000) Volume
270, Number 3, pp. 717-721, 16 refs.
CODEN: BBRCA9 ISSN: 0006-291X
DOI: 10.1006/bbrc.2000.2510
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 51 OF 201 MEDLINE on STN DUPLICATE 21
TI Genetic evaluation of peroxisomal and cytosolic acetoacetyl-CoA thiolase
isozymes in n-alkane-assimilating diploid yeast, Candida tropicalis.
SO Cell biochemistry and biophysics, (2000) Vol. 32 Spring, pp. 285-90.
Journal code: 9701934. ISSN: 1085-9195.
AU Ueda M; Kanayama N; Tanaka A
AN 2001355560 MEDLINE

L121 ANSWER 52 OF 201 MEDLINE on STN DUPLICATE 22
TI Peroxisomal and mitochondrial targeting of
serine:pyruvate/alanine:glyoxylate aminotransferase in rat liver.
SO Cell biochemistry and biophysics, (2000) Vol. 32 Spring, pp. 277-81.
Journal code: 9701934. ISSN: 1085-9195.
AU Oda T; Mizuno T; Ito K; Funai T; Ichiyama A; Miura S

AN 2001355558 MEDLINE

L121 ANSWER 53 OF 201 HCAPLUS COPYRIGHT 2009 ACS on STN
TI Isolation of peroxisome-defective CHO mutant cells using green fluorescent protein
SO Cell Biochemistry and Biophysics (2000), 32(1-3), 253-257
CODEN: CBBIFV; ISSN: 1085-9195
AU Ito, Masaki; Ito, Ritsu; Miura, Satoshi; Huang, Yuan
AN 2000:525273 HCAPLUS
DN 133:249171

L121 ANSWER 54 OF 201 MEDLINE on STN DUPLICATE 23
TI Identification of PTE2, a human peroxisomal long-chain acyl-CoA thioesterase.
SO Biochemical and biophysical research communications, (2000 Aug 18) Vol. 275, No. 1, pp. 233-40.
Journal code: 0372516. ISSN: 0006-291X.
AU Jones J M; Gould S J
AN 2000441859 MEDLINE

L121 ANSWER 55 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 2000199227 ESBIODBASE
TI Identification of PTE2, a human peroxisomal long-chain Acyl-CoA thioesterase
AU Jones, Jacob M.; Gould, Stephen J.
CS Jones, Jacob M.; Gould, Stephen J. (Department of Biological Chemistry, Johns Hopkins University, School of Medicine, Baltimore, MA 21205 (US))
SO Biochemical and Biophysical Research Communications (18 Aug 2000) Volume 275, Number 1, pp. 233-240, 29 refs.
CODEN: BBRCA9 ISSN: 0006-291X
DOI: 10.1006/bbrc.2000.3285
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 56 OF 201 MEDLINE on STN DUPLICATE 24
TI Rapid isolation and characterization of CHO mutants deficient in peroxisome biogenesis using the peroxisomal forms of fluorescent proteins.
SO Biochimica et biophysica acta, (2000 Apr 17) Vol. 1496, No. 2-3, pp. 232-42.
Journal code: 0217513. ISSN: 0006-3002.
AU Ito M; Ito R; Huang Y; Miura S; Imamura A; Suzuki Y; Shimozawa N
AN 2000235179 MEDLINE

L121 ANSWER 57 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 2000084824 ESBIODBASE
TI Rapid isolation and characterization of CHO mutants deficient in peroxisome biogenesis using the peroxisomal forms of fluorescent proteins
AU Ito, Masaki; Ito, Ritsu; Huang, Yuan; Miura, Satoshi; Imamura, Atsushi; Suzuki, Yasuyuki; Shimozawa, Nobuyuki
CS Ito, Masaki; Ito, Ritsu; Huang, Yuan (Department of Biology, Saga Medical School, 849-8501, Saga (JP)); Miura, Satoshi (Radioisotope Research Center, Yokohama City Univ. Sch. Med., 236, Yokohama (JP)); Imamura, Atsushi; Suzuki, Yasuyuki; Shimozawa, Nobuyuki (Department of Pediatrics, Gifu Univ. Sch. of Med., 500-8076, Gifu (JP))
EMAIL: itohml@post.saga-med.ac.jp

SO Biochimica et Biophysica Acta - Molecular Cell Research (17 Apr 2000)
Volume 1496, Number 2-3, pp. 232-242, 24 refs.
CODEN: BAMRDP ISSN: 0167-4889
DOI: 10.1016/S0167-4889(00)00019-7
PUI S0167488900000197
CY Netherlands
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 58 OF 201 MEDLINE on STN DUPLICATE 25
TI A new self-assembled peroxisomal vesicle required for efficient resealing
of the plasma membrane.
SO Nature cell biology, (2000 Apr) Vol. 2, No. 4, pp. 226-31.
Journal code: 100890575. ISSN: 1465-7392.
AU Jedd G; Chua N H
AN 2000245872 MEDLINE

L121 ANSWER 59 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN
AN 2000244409 ESBIOBASE
TI A new self-assembled peroxisomal vesicle required for efficient
resealing of the plasma membrane
AU Jedd, G.; Chua, N.-H.
CS Jedd, G.; Chua, N.-H. (Laboratory of Plant Molecular Biol., Rockefeller
University, 1230 York Avenue, New York, NY 10021-6399 (US))
SO Nature Cell Biology (2000) Volume 2, Number 4, pp. 226-231, 37 refs.
CODEN: NCBIFN ISSN: 1465-7392
DOI: 10.1038/35008652
CY United Kingdom
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 60 OF 201 MEDLINE on STN DUPLICATE 26
TI Tetratricopeptide repeat domain of Yarrowia lipolytica Pex5p is essential
for recognition of the type 1 peroxisomal targeting signal but does not
confer full biological activity on Pex5p.
SO The Biochemical journal, (2000 Feb 15) Vol. 346 Pt 1, pp. 177-84.
Journal code: 2984726R. ISSN: 0264-6021.
Report No.: NLM-PMC1220838.
AU Szilard R K; Rachubinski R A
AN 2000125597 MEDLINE

L121 ANSWER 61 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN
AN 2000050876 ESBIOBASE
TI Tetratricopeptide repeat domain of Yarrowia lipolytica Pex5p is
essential for recognition of the type 1 peroxisomal targeting signal but
does not confer full biological activity on Pex5p
AU Szilard, Rachel K.; Rachubinski, Richard A.
CS Szilard, Rachel K.; Rachubinski, Richard A. (Department of Cell Biology,
University of Alberta, Edmonton, Alta. T6G 2H7 (CA))
EMAIL: rick.rachubinski@ualberta.ca
SO Biochemical Journal (15 Feb 2000) Volume 346, Number 1, pp. 177-184, 50
refs.
CODEN: BIJOAK ISSN: 0264-6021
DOI: 10.1042/0264-6021:3460177

CY United Kingdom
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 62 OF 201 MEDLINE on STN DUPLICATE 27
TI Importance of sequences adjacent to the terminal tripeptide in the import of a peroxisomal *Candida tropicalis* protein in plant peroxisomes.
SO *Planta*, (2000 Jun) Vol. 211, No. 1, pp. 150-7.
Journal code: 1250576. ISSN: 0032-0935.
AU Bongcam V; MacDonald-Comber Petetot J; Mittendorf V; Robertson E J; Leech R M; Qin Y M; Hiltunen J K; Poirier Y
AN 2001299448 MEDLINE

L121 ANSWER 63 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 2000151182 ESBIODBASE
TI Importance of sequences adjacent to the terminal tripeptide in the import of a peroxisomal *Candida tropicalis* protein in plant peroxisomes
AU Bongcam, Vanessa; Petetot, Jean MacDonald-Comber; Mittendorf, Volker; Poirier, Yves; Robertson, Elizabeth J.; Leech, Rachel M.; Qin, Yong-Mei; Hiltunen, J. Kalervo
CS Bongcam, Vanessa; Petetot, Jean MacDonald-Comber; Mittendorf, Volker; Poirier, Yves (Inst. d'Ecologie-Biol. Physiol. Veg., Universite de Lausanne, 1015 Lausanne (CH)); Mittendorf, Volker (BASF Plant Science, Raleigh, NC 27709-3528 (US)); Robertson, Elizabeth J.; Leech, Rachel M. (Department of Biology, University of York, Heslington, York YO1 5DD (GB)); Qin, Yong-Mei; Hiltunen, J. Kalervo (Biocenter Oulu, Department of Biochemistry, University of Oulu, 90570 Oulu (FI))
EMAIL: yves.poirier@ie-bpv.unil.ch
SO *Planta* (Jun 2000) Volume 211, Number 1, pp. 150-157, 48 refs.
CODEN: PLANAB ISSN: 0032-0935
CY Germany
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 64 OF 201 HCAPLUS COPYRIGHT 2009 ACS on STN
TI Peroxisomal matrix protein import: suppression of protein import defects in *Hansenula polymorpha* pex mutants by overproduction of the PTS1 receptor Pex5p
SO *Cell Biochemistry and Biophysics* (2000), 32(1-3), 9-19
CODEN: CBBIFV; ISSN: 1085-9195
AU Kiel, Jan A. K. W.; Veenhuis, Marten
AN 2000:525249 HCAPLUS
DN 133:248420

L121 ANSWER 65 OF 201 MEDLINE on STN DUPLICATE 28
TI Formation of peroxisomes from peroxisomal ghosts in a peroxisome-deficient mammalian cell mutant upon complementation by protein microinjection.
SO *The Journal of biological chemistry*, (1999 Dec 10) Vol. 274, No. 50, pp. 35293-6.
Journal code: 2985121R. ISSN: 0021-9258.
AU Yamasaki M; Hashiguchi N; Fujiwara C; Imanaka T; Tsukamoto T; Osumi T
AN 2000054393 MEDLINE

L121 ANSWER 66 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN

AN 1999281392 ESBIOBASE
 TI Formation of peroxisomes from peroxisomal ghosts in a peroxisome-deficient mammalian cell mutant upon complementation by protein microinjection
 AU Yamasaki, Masatoshi; Hashiguchi, Noriyo; Fujiwara, Chiharu; Tsukamoto, Toshiro; Osumi, Takashi; Imanaka, Tsuneo
 CS Yamasaki, Masatoshi; Hashiguchi, Noriyo; Fujiwara, Chiharu; Tsukamoto, Toshiro; Osumi, Takashi (Department of Life Science, Faculty of Science, Himeji Institute of Technology, 3-2-1 Koto, Kamigori, Hyogo 678-1297 (JP)); Imanaka, Tsuneo (Department of Biological Chemistry, Faculty Pharmaceutical Sciences, Toyama Med. and Pharmaceut. Univ., 2630 Sugitani, Toyama 930-0194 (JP))
 EMAIL: osumi@sci.himeji-tech.ac.jp
 SO Journal of Biological Chemistry (10 Dec 1999) Volume 274, Number 50, pp. 35293-35296, 36 refs.
 CODEN: JBCHA3 ISSN: 0021-9258
 DOI: 10.1074/jbc.274.50.35293
 CY United States of America
 DT Journal; Article
 LA English
 SL English
 ED Entered STN: 31 Jan 2009
 Last updated on STN: 31 Jan 2009

L121 ANSWER 67 OF 201 LIFESCI COPYRIGHT 2009 CSA on STN DUPLICATE 29
 TI Characterization of Human and Murine PMP20 Peroxisomal Proteins That Exhibit Antioxidant Activity in Vitro
 SO Journal of Biological Chemistry [J. Biol. Chem.], (19991015) vol. 274, no. 42, pp. 29897-29904.
 ISSN: 0021-9258.
 AU Yamashita, H.; Avraham, S.; Jiang, S.; London, R.; Van Veldhoven, P.P.; Subramani, S.; Rogers, R.A.; Avraham, H.
 AN 2000:46493 LIFESCI

L121 ANSWER 68 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
 AN 1999234953 ESBIOBASE
 TI Characterization of human and murine PMP20 peroxisomal proteins that exhibit antioxidant activity in vitro
 AU Yamashita, Hiroshi; Avraham, Shalom; Jiang, Shuxian; London, Roanna; Avraham, Hava; Van Veldhoven, Paul P.; Subramani, Suresh; Rogers, Rick A.
 CS Yamashita, Hiroshi; Avraham, Shalom; Jiang, Shuxian; London, Roanna; Avraham, Hava (Division of Experimental Medicine, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA 02215 (US)); Avraham, Hava (Div. of Experimental Medicine, Beth Israel Deaconess Medical Center, Harvard Institutes of Medicine, 4 Blackfan Circle, Boston, MA 02115 (US)); Van Veldhoven, Paul P. (Afdeling Farmakologie, Campus Gasthuisberg, Katholieke Universiteit Leuven, B-3000 Leuven (BE)); Subramani, Suresh (Department of Biology, Univ. of California at San Diego, San Diego, CA 92093-0322 (US)); Rogers, Rick A. (BioMedical Imaging Laboratory, Harvard Med. School of Public Health, Boston, MA 02115 (US))
 SO Journal of Biological Chemistry (15 Oct 1999) Volume 274, Number 42, pp. 29897-29904, 33 refs.
 CODEN: JBCHA3 ISSN: 0021-9258
 DOI: 10.1074/jbc.274.42.29897
 CY United States of America
 DT Journal; Article
 LA English
 SL English
 ED Entered STN: 31 Jan 2009

Last updated on STN: 31 Jan 2009

- L121 ANSWER 69 OF 201 MEDLINE on STN DUPLICATE 30
TI The mouse gene PDCR encodes a peroxisomal delta(2), delta(4)-dienoyl-CoA reductase.
SO The Journal of biological chemistry, (1999 Sep 3) Vol. 274, No. 36, pp. 25814-20.
Journal code: 2985121R. ISSN: 0021-9258.
AU Geisbrecht B V; Liang X; Morrell J C; Schulz H; Gould S J
AN 1999395157 MEDLINE
- L121 ANSWER 70 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 1999204798 ESBIOBASE
TI The mouse gene PDCR encodes a peroxisomal $\Delta 2$, $\Delta 4$ -dienoyl-CoA reductase
AU Geisbrecht, Brian V.; Morrell, James C.; Gould, Stephen J.; Liang, Xiquan; Schulz, Horst
CS Geisbrecht, Brian V.; Morrell, James C.; Gould, Stephen J. (Department of Biological Chemistry, Johns Hopkins Univ. Sch. of Med., Baltimore, MD 21205 (US)); Gould, Stephen J. (Dept. of Biological Chemistry, Johns Hopkins Univ. Sch. of Med., 725 N. Wolfe St., Baltimore, MD 21205 (US)); Liang, Xiquan; Schulz, Horst (Department of Chemistry, City College, City University of New York, New York, NY 10031 (US))
EMAIL: stephen.Gould@gmail.bs.jhu.edu
SO Journal of Biological Chemistry (3 Sep 1999) Volume 274, Number 36, pp. 25814-25820, 36 refs.
CODEN: JBCHA3 ISSN: 0021-9258
DOI: 10.1074/jbc.274.36.25814
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009
- L121 ANSWER 71 OF 201 MEDLINE on STN DUPLICATE 31
TI MCD encodes peroxisomal and cytoplasmic forms of malonyl-CoA decarboxylase and is mutated in malonyl-CoA decarboxylase deficiency.
SO The Journal of biological chemistry, (1999 Aug 27) Vol. 274, No. 35, pp. 24461-8.
Journal code: 2985121R. ISSN: 0021-9258.
AU Sacksteder K A; Morrell J C; Wanders R J; Matalon R; Gould S J
AN 1999386915 MEDLINE
- L121 ANSWER 72 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 1999197424 ESBIOBASE
TI MCD encodes peroxisomal and cytoplasmic forms of malonyl-CoA decarboxylase and is mutated in malonyl-CoA decarboxylase deficiency
AU Sacksteder, Katherine A.; Morrell, James C.; Gould, Stephen J.; Matalon, Reuben; Wanders, Ronald J. A.
CS Sacksteder, Katherine A.; Morrell, James C.; Gould, Stephen J. (Department of Biological Chemistry, Johns Hopkins Univ. Sch. of Medicine, Baltimore, MD 21205 (US)); Gould, Stephen J. (Dept. of Biological Chemistry, Johns Hopkins Univ. Sch. of Medicine, 409 Physiology Bldg., 725 N. Wolfe St., Baltimore, MD 21205 (US)); Matalon, Reuben (Children's Hospital, University of Texas Medical Branch, Galveston, TX 77555 (US)); Wanders, Ronald J. A. (Dept. of Clin. Biochem. and Pediat., Academic Medical Center, University of Amsterdam, Amsterdam (NL))
EMAIL: Stephen.Gould@gmail.bs.jhu.edu

SO Journal of Biological Chemistry (27 Aug 1999) Volume 274, Number 35, pp.
24461-24468, 30 refs.
CODEN: JBCHA3 ISSN: 0021-9258
DOI: 10.1074/jbc.274.35.24461
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 73 OF 201 LIFESCI COPYRIGHT 2009 CSA on STN DUPLICATE 32
TI The Peroxin Pex14p: cDNA Cloning by functional Complementation on a
Chinese Hamster Ovary Cell Mutant, Characterization, and functional
Analysis
SO Journal of Biological Chemistry [J. Biol. Chem.], (19990430) vol. 274, no.
18, pp. 12593-12604.
ISSN: 0021-9258.
AU Shimizu, N.; Itoh, R.; Hirono, Y.; Otera, H.; Ghaedi, K.; Tateishi, K.;
Tamura, S.; Okumoto, K.; Harano, T.; Mukai, S.; Fujiki, Y.
AN 1999:61805 LIFESCI

L121 ANSWER 74 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN
AN 1999106938 ESBIODBASE
TI The peroxin Pex14p: cDNA cloning by functional complementation on a
Chinese hamster ovary cell mutant, characterization, and functional
analysis
AU Shimizu, Nobuhiro; Itoh, Ryota; Hirono, Yoko; Otera, Hidenori; Ghaedi,
Kamran; Tateishi, Keita; Tamura, Shigehiko; Okumoto, Kanji; Harano,
Tomoyuki; Mukai, Satoru; Fujiki, Yukio
CS Shimizu, Nobuhiro; Itoh, Ryota; Hirono, Yoko; Otera, Hidenori; Ghaedi,
Kamran; Tateishi, Keita; Tamura, Shigehiko; Okumoto, Kanji; Harano,
Tomoyuki; Mukai, Satoru; Fujiki, Yukio (Department of Biology, Kyushu
University Faculty of Science, Fukuoka 812-8581 (JP)); Fujiki, Yukio
(CREST, Japan Sci. and Technol. Corporation, Tokyo 170-0013 (JP));
Fujiki, Yukio (Dept. of Biology, Kyushu University Faculty of Science,
6-10-1 Hakozaki, Higashi-ku, Fukuoka 812-8581 (JP))
EMAIL: yfujiscb@mbbox.nc.kyushu-u.ac.jp
SO Journal of Biological Chemistry (30 Apr 1999) Volume 274, Number 18, pp.
12593-12604, 58 refs.
CODEN: JBCHA3 ISSN: 0021-9258
DOI: 10.1074/jbc.274.18.12593
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 75 OF 201 MEDLINE on STN DUPLICATE 33
TI Purification, molecular cloning, and expression of 2-hydroxyphytanoyl-CoA
lyase, a peroxisomal thiamine pyrophosphate-dependent enzyme that
catalyzes the carbon-carbon bond cleavage during alpha-oxidation of
3-methyl-branched fatty acids.
SO Proceedings of the National Academy of Sciences of the United States of
America, (1999 Aug 31) Vol. 96, No. 18, pp. 10039-44.
Journal code: 7505876. ISSN: 0027-8424.
Report No.: NLM-PMC17838.
AU Foulon V; Antonenkov V D; Croes K; Waelkens E; Mannaerts G P; Van
Veldhoven P P; Casteels M
AN 1999398658 MEDLINE

L121 ANSWER 76 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN
AN 1999206565 ESBIOBASE
TI Purification, molecular cloning, and expression of 2-hydroxyphytanoyl-CoA lyase, a peroxisomal thiamine pyrophosphate-dependent enzyme that catalyzes the carbon-carbon bond cleavage during α -oxidation of 3-methyl- branched fatty acids
AU Foulon, V.; Antonenkov, V.D.; Croes, K.; Waelkens, E.; Mannaerts, G.P.; Van Veldhoven, P.P.; Casteels, M.
CS Foulon, V.; Antonenkov, V.D.; Croes, K.; Waelkens, E.; Mannaerts, G.P.; Van Veldhoven, P.P.; Casteels, M. (Div. of Pharmacology/Biochemistry, Department of Molecular Cell Biology, Katholieke Universiteit Leuven, B-3000 Leuven (BE))
SO Proceedings of the National Academy of Sciences of the United States of America (31 Aug 1999) Volume 96, Number 18, pp. 10039-10044, 33 refs.
CODEN: PNASA6 ISSN: 0027-8424
DOI: 10.1073/pnas.96.18.10039
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 77 OF 201 MEDLINE on STN DUPLICATE 34
TI Identification of peroxisomal acyl-CoA thioesterases in yeast and humans.
SO The Journal of biological chemistry, (1999 Apr 2) Vol. 274, No. 14, pp. 9216-23.
Journal code: 2985121R. ISSN: 0021-9258.
AU Jones J M; Nau K; Geraghty M T; Erdmann R; Gould S J
AN 1999194760 MEDLINE

L121 ANSWER 78 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN
AN 1999089769 ESBIOBASE
TI Identification of peroxisomal Acyl-CoA thioesterases in yeast and humans
AU Jones, Jacob M.; Gould, Stephen J.; Geraghty, Michael T.; Nau, Katja; Erdmann, Ralf
CS Jones, Jacob M.; Gould, Stephen J. (Department of Biological Chemistry, Johns Hopkins Univ. Sch. of Medicine, Baltimore, MD 21205 (US)); Gould, Stephen J. (Dept. of Biological Chemistry, Johns Hopkins Univ. Sch. of Medicine, 725 N. Wolfe St., Baltimore, MD 21205 (US)); Geraghty, Michael T. (Department of Pediatrics, Johns Hopkins Univ. Sch. of Medicine, Baltimore, MD 21205 (US)); Nau, Katja; Erdmann, Ralf (Dept. of Physiological Chemistry, Ruhr-Universitat Bochum, 44780 Bochum (DE))
EMAIL: Stephen.Gould@gmail.bs.jhu.edu
SO Journal of Biological Chemistry (2 Apr 1999) Volume 274, Number 14, pp. 9216-9223, 30 refs.
CODEN: JBCHA3 ISSN: 0021-9258
DOI: 10.1074/jbc.274.14.9216
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 79 OF 201 MEDLINE on STN DUPLICATE 35
TI Pex19p interacts with Pex3p and Pex10p and is essential for peroxisome biogenesis in *Pichia pastoris*.
SO Molecular biology of the cell, (1999 Jun) Vol. 10, No. 6, pp. 1745-61.

Journal code: 9201390. ISSN: 1059-1524.

Report No.: NLM-PMC25367.

AU Snyder W B; Faber K N; Wenzel T J; Koller A; Luers G H; Rangell L; Keller G A; Subramani S

AN 1999287721 MEDLINE

L121 ANSWER 80 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN

AN 1999134425 ESBIODBASE

TI Pex19p interacts with Pex3p and Pex10p and is essential for peroxisome biogenesis in *Pichia pastoris*

AU Snyder, William B.; Faber, Klaas Nico; Wenzel, Thibaut J.; Koller, Antonius; Luers, Georg H.; Subramani, Suresh; Rangell, Linda; Keller, Gilbert A.

CS Snyder, William B.; Faber, Klaas Nico; Wenzel, Thibaut J.; Koller, Antonius; Luers, Georg H.; Subramani, Suresh (Department of Biology, University of California, San Diego, San Diego, CA 92093-0322 (US)); Faber, Klaas Nico (University of Groningen, Department of Microbiology, 9751 NN Haren (NL)); Wenzel, Thibaut J. (Gist-Brocades, Food Specialities Division, 2600 MA Delft (NL)); Luers, Georg H. (University of Bonn, Institute for Anatomy, 53115 Bonn (DE)); Rangell, Linda; Keller, Gilbert A. (Laboratory of Electron Microscopy, Genentech, South San Francisco, CA 94080 (US))
EMAIL: ssubramani@ucsd.edu

SO Molecular Biology of the Cell (Jun 1999) Volume 10, Number 6, pp. 1745-1761, 58 refs.

CODEN: MBCEEV ISSN: 1059-1524

CY United States of America

DT Journal; Article

LA English

SL English

ED Entered STN: 31 Jan 2009

Last updated on STN: 31 Jan 2009

L121 ANSWER 81 OF 201 MEDLINE on STN DUPLICATE 36

TI Metabolic control of peroxisome abundance.

SO Journal of cell science, (1999 May) Vol. 112 (Pt 10), pp. 1579-90.

Journal code: 0052457. ISSN: 0021-9533.

AU Chang C C; South S; Warren D; Jones J; Moser A B; Moser H W; Gould S J

AN 1999230345 MEDLINE

L121 ANSWER 82 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN

AN 1999129340 ESBIODBASE

TI Metabolic control of peroxisome abundance

AU Chang, Chia-Che; South, Sarah; Warren, Dan; Jones, Jacob; Gould, Stephen J.; Moser, Ann B.; Moser, Hugo W.

CS Chang, Chia-Che; South, Sarah; Warren, Dan; Jones, Jacob; Gould, Stephen J. (Department of Biological Chemistry, Johns Hopkins Univ. Sch. of Medicine, Baltimore, MD 21205 (US)); Moser, Ann B.; Moser, Hugo W. (Kennedy Krieger Institute, Department of Pediatrics, Johns Hopkins Univ. Sch. of Med., Baltimore, MD 21205 (US))
EMAIL: stephen.gould@gmail.bs.jhu.edu

SO Journal of Cell Science (1999) Volume 112, Number 10, pp. 1579-1590, 57 refs.

CODEN: JNCSAI ISSN: 0021-9533

CY United Kingdom

DT Journal; Article

LA English

SL English

ED Entered STN: 31 Jan 2009

Last updated on STN: 31 Jan 2009

L121 ANSWER 83 OF 201 MEDLINE on STN DUPLICATE 37
 TI Degradation of overexpressed wild-type and mutant uricase proteins in cultured cells.
 SO The journal of histochemistry and cytochemistry : official journal of the Histochemistry Society, (1999 Sep) Vol. 47, No. 9, pp. 1133-40. Journal code: 9815334. ISSN: 0022-1554.
 AU Yokota S; Kamijo K; Oda T
 AN 1999380365 MEDLINE

L121 ANSWER 84 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
 AN 1999204546 ESBIOBASE
 TI Degradation of overexpressed wild-type and mutant uricase proteins in cultured cells
 AU Yokota, Sadaki; Kamijo, Keiju; Oda, Toshiaki
 CS Yokota, Sadaki (Biological Program, Yamanashi Medical University, Yamanashi (JP), Yamanashi, 4093-898 (JP)); Kamijo, Keiju (Department of Biochemistry, Shinshu Univ. School of Medicine, Matsumoto (JP)); Oda, Toshiaki (Department of Biochemistry, Hamamatsu Univ. School of Medicine, Hamamatsu (JP))
 SO Journal of Histochemistry and Cytochemistry (Sep 1999) Volume 47, Number 9, pp. 1133-1139, 25 refs. CODEN: JHCYAS ISSN: 0022-1554
 CY United States of America
 DT Journal; (Conference Paper)
 LA English
 SL English
 ED Entered STN: 31 Jan 2009
 Last updated on STN: 31 Jan 2009

L121 ANSWER 85 OF 201 MEDLINE on STN DUPLICATE 38
 TI Analysis of the peroxisomal acyl-CoA oxidase gene product from Pichia pastoris and determination of its targeting signal.
 SO Yeast (Chichester, England), (1999 Aug) Vol. 15, No. 11, pp. 1035-44. Journal code: 8607637. ISSN: 0749-503X.
 AU Koller A; Spong A P; Luers G H; Subramani S
 AN 1999387087 MEDLINE

L121 ANSWER 86 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
 AN 1999188899 ESBIOBASE
 TI Analysis of the peroxisomal Acyl-CoA oxidase gene product from pichia pastoris and determination of its targeting signal
 AU Koller, A.; Spong, A.P.; Luers, G.H.; Subramani, S.
 CS Koller, A.; Spong, A.P.; Luers, G.H.; Subramani, S. (Department of Biology, Univ. of California at San Diego, San Diego, CA 92093-0322 (US)); Luers, G.H. (University of Bonn, Institute of Anatomy, Nussallee 10, 53115 Bonn (DE)); Subramani, S. (Department of Biology, Bonner Hall 3230, Univ. of California at San Diego, 9500 Gilman Drive, San Diego, CA 92093-0322 (US))
 EMAIL: ssubramani@ucsd.edu
 SO Yeast (1999) Volume 15, Number 11, pp. 1035-1044, 23 refs. CODEN: YESTE3 ISSN: 0749-503X
 DOI: 10.1002/(SICI)1097-0061(199908)15:11<1035::AID-YEA432>3.0.CO;2-1
 CY United Kingdom
 DT Journal; Article
 LA English
 SL English
 ED Entered STN: 31 Jan 2009
 Last updated on STN: 31 Jan 2009

L121 ANSWER 87 OF 201 HCAPLUS COPYRIGHT 2009 ACS on STN
 TI Functional Heterogeneity of C-Terminal Peroxisome Targeting Signal 1 in
 PEX5-Defective Patients
 SO Biochemical and Biophysical Research Communications (1999), 262(2),
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 CODEN: BBRC9; ISSN: 0006-291X
 AU Shimozawa, Nobuyuki; Zhang, Zhongyi; Suzuki, Yasuyuki; Imamura, Atsushi;
 Tsukamoto, Toshiro; Osumi, Takashi; Fujiki, Yukio; Orii, Tadao; Barth,
 Peter G.; Wanders, Ronald J. A.; Kondo, Naomi
 AN 1999:538430 HCAPLUS
 DN 131:298324

L121 ANSWER 88 OF 201 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on
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 TI Differential subcellular localization of endogenous and transfected
 soluble epoxide hydrolase in mammalian cells: Evidence for isozyme
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 Hammock, Bruce D.; Oesch, Franz; Grant, David F. [Reprint author]
 AN 1999:174260 BIOSIS

L121 ANSWER 89 OF 201 HCAPLUS COPYRIGHT 2009 ACS on STN
 TI Peroxisome synthesis in the absence of preexisting peroxisomes
 SO Journal of Cell Biology (1999), 144(2), 255-266
 CODEN: JCLBA3; ISSN: 0021-9525
 AU South, Sarah T.; Gould, Stephen J.
 AN 1999:67890 HCAPLUS
 DN 130:265931

L121 ANSWER 90 OF 201 MEDLINE on STN DUPLICATE 39
 TI A novel nonsense mutation of the PEX7 gene in a patient with rhizomelic
 chondrodysplasia punctata.
 SO Journal of human genetics, (1999) Vol. 44, No. 2, pp. 123-5.
 Journal code: 9808008. ISSN: 1434-5161.
 AU Shimozawa N; Suzuki Y; Zhang Z; Miura K; Matsumoto A; Nagaya M;
 Castillo-Taucher S; Kondo N
 AN 1999183307 MEDLINE

L121 ANSWER 91 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
 on STN
 AN 1999074128 ESBIOBASE
 TI A novel nonsense mutation of the PEX7 gene in a patient with rhizomelic
 chondrodysplasia punctata
 AU Shimozawa, Nobuyuki; Suzuki, Yasuyuki; Zhang, Zhongyi; Kondo, Naomi;
 Miura, Kiyokuni; Matsumoto, Akiko; Nagaya, Masahiro; Castillo-Taucher,
 Silvia
 CS Shimozawa, Nobuyuki; Suzuki, Yasuyuki; Zhang, Zhongyi; Kondo, Naomi
 (Department of Pediatrics, Gifu University School of Medicine, 40
 Tsukasa-cho, Gifu 500-8076 (JP)); Miura, Kiyokuni; Matsumoto, Akiko;
 Nagaya, Masahiro (Aichi Prefectural Colony Hospital, Kasugai (JP));
 Castillo-Taucher, Silvia (Servicio de Genetica, Hosp. Clinico
 Universidad de Chile, Santiago (CL))
 EMAIL: nshim@cc.gifu-u.ac.jp
 SO Journal of Human Genetics (1999) Volume 44, Number 2, pp. 123-125, 9
 refs.
 CODEN: JHGEFR ISSN: 1434-5161
 DOI: 10.1007/s100380050123
 CY Japan
 DT Journal; Article
 LA English

SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 92 OF 201 BIOTECHNO COPYRIGHT 2009 Elsevier Science B.V. on STN
TI Peroxisome targeting of porcine 17 β -hydroxysteroid dehydrogenase
type IV/D-specific multifunctional protein 2 is mediated by its
C-terminal tripeptide AKI
SO Journal of Cellular Biochemistry, (01 APR 1999), 73/1 (70-78), 45
reference(s)
CODEN: JCEBD5 ISSN: 0730-2312
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AN 1999:29115480 BIOTECHNO

L121 ANSWER 93 OF 201 MEDLINE on STN DUPLICATE 40
TI The difference in recognition of terminal tripeptides as peroxisomal
targeting signal 1 between yeast and human is due to different affinities
of their receptor Pex5p to the cognate signal and to residues adjacent to
it.
SO The Journal of biological chemistry, (1998 Dec 11) Vol. 273, No. 50, pp.
33635-43.
Journal code: 2985121R. ISSN: 0021-9258.
AU Lametschwandtner G; Brocard C; Fransen M; Van Veldhoven P; Berger J;
Hartig A
AN 1999057932 MEDLINE

L121 ANSWER 94 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN
AN 1999003389 ESBIOBASE
TI The difference in recognition of terminal tripeptides as peroxisomal
targeting signal I between yeast and human is due to different
affinities of their receptor Pex5p to the cognate signal and to residues
adjacent to it
AU Lametschwandtner, Guenther; Brocard, Cecile; Hartig, Andreas; Fransen,
Marc; Van Veldhoven, Paul; Berger, Johannes
CS Lametschwandtner, Guenther; Brocard, Cecile; Hartig, Andreas (Inst.
Biochem./Molec. Zellbiologie, Univ. Wien/Ludwig Boltzmann-F.B., Vienna
Biocenter, Dr. Bohrgasse 9, A-1030 Wien (AT)); Fransen, Marc; Van
Veldhoven, Paul (Katholieke Universiteit Leuven, Faculteit Geneeskunde,
Dept. Molec. Celbiol., Afd. F., Herestraat 49, B-3000 Leuven (BE));
Berger, Johannes (Klinisches Inst. fur Neurol., Universitaet Wien,
Schwarzspanierstrasse 17, A-1090 Wien (AT))
EMAIL: AH@abc.UniVie.AC.AT
SO Journal of Biological Chemistry (11 Dec 1998) Volume 273, Number 50, pp.
33635-33643, 13 refs.
CODEN: JBCHA3 ISSN: 0021-9258
DOI: 10.1074/jbc.273.50.33635
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 95 OF 201 MEDLINE on STN DUPLICATE 41
TI Identification and analysis of the plant peroxisomal targeting signal 1
receptor NtPEX5.
SO Proceedings of the National Academy of Sciences of the United States of
America, (1998 Oct 27) Vol. 95, No. 22, pp. 13336-41.
Journal code: 7505876. ISSN: 0027-8424.
Report No.: NLM-PMC23804.
AU Kragler F; Lametschwandtner G; Christmann J; Hartig A; Harada J J

AN 1999007315 MEDLINE

L121 ANSWER 96 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN
AN 1998257653 ESBIODBASE
TI Identification and analysis of the plant peroxisomal targeting signal I
receptor NtPEX5
AU Kragler, F.; Lametschwandtner, G.; Christmann, J.; Hartig, A.; Harada,
J.J.
CS Kragler, F.; Lametschwandtner, G.; Christmann, J.; Hartig, A.; Harada,
J.J. (Section of Plant Biology, Division of Biological Sciences,
University of California, One Shields Avenue, Davis, CA 95616 (US))
SO Proceedings of the National Academy of Sciences of the United States of
America (27 Oct 1998) Volume 95, Number 22, pp. 13336-13341, 43 refs.
CODEN: PNASA6 ISSN: 0027-8424
DOI: 10.1073/pnas.95.22.13336
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 97 OF 201 MEDLINE on STN DUPLICATE 42
TI Human PEX1 cloned by functional complementation on a CHO cell mutant is
responsible for peroxisome-deficient Zellweger syndrome of complementation
group I.
SO Proceedings of the National Academy of Sciences of the United States of
America, (1998 Apr 14) Vol. 95, No. 8, pp. 4350-5.
Journal code: 7505876. ISSN: 0027-8424.
Report No.: NLM-PMC22492.
AU Tamura S; Okumoto K; Toyama R; Shimozawa N; Tsukamoto T; Suzuki Y; Osumi
T; Kondo N; Fujiki Y
AN 1998208543 MEDLINE

L121 ANSWER 98 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN
AN 1998104092 ESBIODBASE
TI Human PEX1 cloned by functional complementation on a CHO cell mutant is
responsible for peroxisome-deficient Zellweger syndrome of
complementation group I
AU Tamura, Shigehiko; Okumoto, Kanji; Toyama, Ryusuke; Fujiki, Yukio;
Shimozawa, Nobuyuki; Suzuki, Yasuyuki; Kondo, Naomi; Tsukamoto, Toshiro;
Osumi, Takashi
CS Tamura, Shigehiko; Okumoto, Kanji; Toyama, Ryusuke; Fujiki, Yukio
(Department of Biology, Faculty of Science, Kyushu University, Fukuoka
812-81 (JP)); Fujiki, Yukio (CREST, Japan Sci. and Technol. Corporation,
Tokyo 170 (JP)); Fujiki, Yukio (Department of Biology, Kyushu
University, Faculty of Science, 6-10-1 Hakozaki, Higashi-ku, Fukuoka
812-81 (JP)); Shimozawa, Nobuyuki; Suzuki, Yasuyuki; Kondo, Naomi
(Department of Pediatrics, Gifu University, School of Medicine, Gifu 500
(JP)); Tsukamoto, Toshiro; Osumi, Takashi (Department of Life Science,
Himeji Institute of Technology, Kamigori, Hyogo 678-12 (JP))
EMAIL: yfujiscb@mbbox.nc.kyushu-u.ac.jp
SO Proceedings of the National Academy of Sciences of the United States of
America (14 Apr 1998) Volume 95, Number 8, pp. 4350-4355, 48 refs.
CODEN: PNASA6 ISSN: 0027-8424
DOI: 10.1073/pnas.95.8.4350
CY United States of America
DT Journal; Article
LA English
SL English

ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 99 OF 201 MEDLINE on STN DUPLICATE 43
TI An isoform of pex5p, the human PTS1 receptor, is required for the import
of PTS2 proteins into peroxisomes.
SO Human molecular genetics, (1998 Aug) Vol. 7, No. 8, pp. 1195-205.
Journal code: 9208958. ISSN: 0964-6906.
AU Braverman N; Dodt G; Gould S J; Valle D
AN 1998334536 MEDLINE

L121 ANSWER 100 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN
AN 1998194382 ESBIODBASE
TI An isoform of Pex5p, the human PTS1 receptor, is required for the import
of PTS2 proteins into peroxisomes
AU Braverman, Nancy; Valle, David; Dodt, Gabriele; Gould, Stephen J.
CS Braverman, Nancy; Valle, David (Department of Pediatrics,
Ruhr-Universitat, Bochum (DE)); Valle, David (Howard Hughes Medical
Institute, Johns Hopkins University, School of Medicine, Baltimore, MD
21205 (US)); Valle, David (PCTB 802, Johns Hopkins University, 725 North
Wolfe Street, Baltimore, MD 21205 (US)); Dodt, Gabriele (Department of
Systembiochemie, Ruhr-Universitat, Bochum (DE)); Gould, Stephen J.
(Department of Biological Chemistry, Johns Hopkins University, School of
Medicine, Baltimore, MD 21205 (US)); Gould, Stephen J. (Dept. of Cell
Biology and Anatomy, Johns Hopkins University, School of Medicine,
Baltimore, MD 21205 (US))
EMAIL: david.valle@gmail.bs.jhu.edu
SO Human Molecular Genetics (Aug 1998) Volume 7, Number 8, pp. 1195-1205,
77 refs.
CODEN: HMGE5 ISSN: 0964-6906
CY United Kingdom
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 101 OF 201 MEDLINE on STN DUPLICATE 44
TI A mobile PTS2 receptor for peroxisomal protein import in Pichia pastoris.
SO The Journal of cell biology, (1998 Feb 23) Vol. 140, No. 4, pp. 807-20.
Journal code: 0375356. ISSN: 0021-9525.
Report No.: NLM-PMC2141746.
AU Elgersma Y; Elgersma-Hooisma M; Wenzel T; McCaffery J M; Farquhar M G;
Subramani S
AN 1998139541 MEDLINE

L121 ANSWER 102 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN
AN 1998070525 ESBIODBASE
TI A mobile PTS2 receptor for peroxisomal protein import in Pichia pastoris
AU McCaffery, J. Michael; Farquhar, Marilyn G.; Elgersma, Ype;
Elgersma-Hooisma, Minetta; Wenzel, Thibaut; Subramani, Suresh
CS McCaffery, J. Michael; Farquhar, Marilyn G. (Div. of Cell. and Molecular
Medicine, Univ. of California at San Diego, San Diego, CA 92093-0322
(US)); Elgersma, Ype; Elgersma-Hooisma, Minetta; Wenzel, Thibaut;
Subramani, Suresh (Department of Biology, Univ. of California at San
Diego, San Diego, CA 92093-0322 (US)); Elgersma, Ype; Elgersma-Hooisma,
Minetta (Cold Spring Harbor Laboratory, 1 Bung Town Road, Cold Spring
Harbor, NY 11724 (US)); Wenzel, Thibaut (Food Specialty Division, Delft
(NL)); Subramani, Suresh (Department of Biology, University of
California, San Diego, Bonner Hall, 9500 Gilman Drive, San Diego, CA

92093-0322 (US))
EMAIL: ssubramani@ucsd.edu
SO Journal of Cell Biology (23 Feb 1998) Volume 140, Number 4, pp. 807-820,
55 refs.
CODEN: JCLBA3 ISSN: 0021-9525
DOI: 10.1083/jcb.140.4.807
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 103 OF 201 MEDLINE on STN DUPLICATE 45
TI Mutational analyses of a type 2 peroxisomal
targeting signal that is capable of directing oligomeric
protein import into tobacco BY-2 glyoxysomes.
SO The Plant journal : for cell and molecular biology, (1998 Dec) Vol. 16,
No. 6, pp. 709-20.
Journal code: 9207397. ISSN: 0960-7412.
AU Flynn C R; Mullen R T; Trelease R N
AN 1999168231 MEDLINE

L121 ANSWER 104 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN
AN 1999043624 ESBIODBASE
TI Mutational analyses of a type 2 peroxisomal
targeting signal that is capable of directing
oligomeric protein import into tobacco BY-2 glyoxysomes
AU Flynn, C. Robb; Mullen, Robert T.; Trelease, Richard N.
CS Flynn, C. Robb (Graduate Program in Molecular and Cellular Biology,
Arizona State University, Tempe, AZ 85287-1601 (US)); Mullen, Robert T.;
Trelease, Richard N. (Department of Plant Biology, Arizona State
University, Tempe, AZ 85287-1601 (US))
EMAIL: trelease.dick@asu.edu
SO Plant Journal (Dec 1998) Volume 16, Number 6, pp. 709-720, 85 refs.
CODEN: PLJUED ISSN: 0960-7412
DOI: 10.1046/j.1365-313X.1998.00344.x
CY United Kingdom
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 105 OF 201 MEDLINE on STN DUPLICATE 46
TI Genetic evaluation of physiological functions of thiolase isoenzymes in
the n-alkalane-assimilating yeast Candida tropicalis.
SO Journal of bacteriology, (1998 Feb) Vol. 180, No. 3, pp. 690-8.
Journal code: 2985120R. ISSN: 0021-9193.
Report No.: NLM-PMC106940.
AU Kanayama N; Ueda M; Atomi H; Tanaka A
AN 1998117054 MEDLINE

L121 ANSWER 106 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN
AN 1998047678 ESBIODBASE
TI Genetic evaluation of physiological functions of thiolase isozymes in
the n-alkane-assimilating yeast Candida tropicalis
AU Kanayama, Naoki; Ueda, Mitsuyoshi; Atomi, Haruyuki; Tanaka, Atsuo
CS Kanayama, Naoki; Ueda, Mitsuyoshi; Atomi, Haruyuki; Tanaka, Atsuo (Lab.
of Applied Biological Chemistry, Dept. Synth. Chem. and Biol. Chem.,

Kyoto University, Yoshida, Sakyo-ku, Kyoto 606-01 (JP))
 EMAIL: atsuo@sbchem.kyoto-u.ac.jp

SO Journal of Bacteriology (Feb 1998) Volume 180, Number 3, pp. 690-698, 52
 refs.
 CODEN: JOBAAY ISSN: 0021-9193

CY United States of America
 DT Journal; Article
 LA English
 SL English
 ED Entered STN: 31 Jan 2009
 Last updated on STN: 31 Jan 2009

L121 ANSWER 107 OF 201 MEDLINE on STN DUPLICATE 47
 TI Nucleotide sequence of alkyl-dihydroxyacetonephosphate synthase cDNA from
 Dictyostelium discoideum.
 SO Biochemical and biophysical research communications, (1998 Nov 27) Vol.
 252, No. 3, pp. 629-33.
 Journal code: 0372516. ISSN: 0006-291X.
 AU de Vet E C; van den Bosch H
 AN 1999057552 MEDLINE

L121 ANSWER 108 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
 on STN
 AN 1998281747 ESBIODBASE
 TI Nucleotide sequence of alkyl-dihydroxyacetonephosphate synthase cDNA
 from Dictyostelium discoideum
 AU De Vet, Edwin C. J. M.; Van Den Bosch, Henk
 CS De Vet, Edwin C. J. M.; Van Den Bosch, Henk (Ctr. Biomembranes and Lipid
 Enzymol., Institute for Biomembranes, Utrecht University, Utrecht (NL))
 SO Biochemical and Biophysical Research Communications (27 Nov 1998) Volume
 252, Number 3, pp. 629-633, 23 refs.
 CODEN: BBRCA9 ISSN: 0006-291X
 DOI: 10.1006/bbrc.1998.9670
 CY United States of America
 DT Journal; Article
 LA English
 SL English
 ED Entered STN: 31 Jan 2009
 Last updated on STN: 31 Jan 2009

L121 ANSWER 109 OF 201 LIFESCI COPYRIGHT 2009 CSA on STN DUPLICATE 48
 TI Limited proteolysis and site-directed mutagenesis reveal the origin of
 microheterogeneity in Rhodotorula gracilis D-amino acid oxidase
 SO BIOCHEM. J., (19980300) vol. 330, no. 2, pp. 615-621.
 ISSN: 0264-6021.
 AU Campaner, S.; Pollegioni, L.; Ross, B.D.; Pilone, M.S.*
 AN 1998:51527 LIFESCI

L121 ANSWER 110 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
 on STN
 AN 1998054541 ESBIODBASE
 TI Limited proteolysis and site-directed mutagenesis reveal the origin of
 microheterogeneity in Rhodotorula gracilis D-amino acid oxidase
 AU Campaner, Stefano; Pollegioni, Loredano; Pilone, Mirella S.; Ross, Brian
 D.
 CS Campaner, Stefano; Pollegioni, Loredano; Pilone, Mirella S. (Department
 of Structural and Functional Biology, University of Milano, via Ravasi
 2, 21100 Varese (IT)); Ross, Brian D. (Department of Radiology Medical
 School, University of Michigan, Ann Arbor, MI 48109 (US))
 SO Biochemical Journal (1 Mar 1998) Volume 330, Number 2, pp. 615-621, 28
 refs.
 CODEN: BIJOAK ISSN: 0264-6021

CY United Kingdom
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 111 OF 201 MEDLINE on STN DUPLICATE 49
TI Membrane targeting sequences in tombusvirus infections.
SO Virology, (1998 Dec 20) Vol. 252, No. 2, pp. 431-7.
Journal code: 0110674. ISSN: 0042-6822.
AU Rubino L; Russo M
AN 1999097448 MEDLINE

L121 ANSWER 112 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN
AN 1999006924 ESBIODBASE
TI Membrane targeting sequences in tombusvirus infections
AU Rubino, Luisa; Russo, Marcello
CS Rubino, Luisa; Russo, Marcello (Dipto. di Protezione delle Piante,
Universita degli Studi, Ctro. Stud. CNR sui Virus le V., Bari (IT))
SO Virology (20 Dec 1998) Volume 252, Number 2, pp. 431-437, 30 refs.
CODEN: VIRLAX ISSN: 0042-6822
DOI: 10.1006/viro.1998.9490
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 113 OF 201 MEDLINE on STN DUPLICATE 50
TI Peroxisome targeting signal type 1 (PTS1) receptor is involved in import
of both PTS1 and PTS2: studies with PEX5-defective CHO cell mutants.
SO Molecular and cellular biology, (1998 Jan) Vol. 18, No. 1, pp. 388-99.
Journal code: 8109087. ISSN: 0270-7306.
Report No.: NLM-PMC121509.
AU Otera H; Okumoto K; Tateishi K; Ikoma Y; Matsuda E; Nishimura M; Tsukamoto
T; Osumi T; Ohashi K; Higuchi O; Fujiki Y
AN 1998078695 MEDLINE

L121 ANSWER 114 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN
AN 1998009803 ESBIODBASE
TI Peroxisome targeting signal type 1 (PTS1) receptor is involved in import
of both PTS1 and PTS2: Studies with PEX5-defective CHO cell mutants
AU Otera, Hidenori; Okumoto, Kanji; Tateishi, Keita; Ikoma, Yuka; Matsuda,
Eiko; Nishimura, Maki; Ohashi, Kazumasa; Higuchi, Osamu; Fujiki, Yukio;
Tsukamoto, Toshiro; Osumi, Takashi
CS Otera, Hidenori; Okumoto, Kanji; Tateishi, Keita; Ikoma, Yuka; Matsuda,
Eiko; Nishimura, Maki; Ohashi, Kazumasa; Higuchi, Osamu; Fujiki, Yukio
(Department of Biology, Kyushu University, Faculty of Science, Fukuoka
812-81 (JP)); Fujiki, Yukio (CREST, Japan Sci. and Technol. Corporation,
Tokyo 170 (JP)); Tsukamoto, Toshiro; Osumi, Takashi (Department of Life
Science, Himeji Institute of Technology, Kamigori, Hyogo 678-12 (JP))
EMAIL: yfujiscb@mbbox.nc.kyushu-u.ac.jp
SO Molecular and Cellular Biology (Jan 1998) Volume 18, Number 1, pp.
388-399, 48 refs.
CODEN: MCEBD4 ISSN: 0270-7306
CY United States of America
DT Journal; Article
LA English

SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 115 OF 201 HCAPLUS COPYRIGHT 2009 ACS on STN
TI Molecular basis of rhizomelic chondrodysplasia punctata type I: high frequency of the Leu-292 Stop mutation in 38 patients
SO Journal of Inherited Metabolic Disease (1998), 21(3), 306-308
CODEN: JIMDDP; ISSN: 0141-8955
AU Brites, P.; Motley, A.; Hogenhout, E.; Hettema, E.; Wijburg, F.; Heijmans, H. S. A.; Tabak, H. F.; Distel, B.; Wanders, R. J. A.
AN 1998:517726 HCAPLUS
DN 129:288721
OREF 129:58808h,58809a

L121 ANSWER 116 OF 201 MEDLINE on STN DUPLICATE 51
TI Nucleotide sequence of a cDNA clone encoding a *Caenorhabditis elegans* homolog of mammalian alkyl-dihydroxyacetonephosphate synthase: evolutionary switching of peroxisomal targeting signals.
SO Biochemical and biophysical research communications, (1998 Jan 14) Vol. 242, No. 2, pp. 277-81.
Journal code: 0372516. ISSN: 0006-291X.
AU de Vet E C; Prinsen H C; van den Bosch H
AN 1998113342 MEDLINE

L121 ANSWER 117 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 1998209687 ESBIODBASE
TI Nucleotide sequence of a cDNA clone encoding a *Caenorhabditis elegans* homolog of mammalian alkyl-dihydroxyacetonephosphate synthase: Evolutionary switching of peroxisomal targeting signals
AU De Vet, Edwin C. J. M.; Prinsen, Hubertus C. M. T.; Van Den Bosch, Henk
CS De Vet, Edwin C. J. M.; Prinsen, Hubertus C. M. T.; Van Den Bosch, Henk (Ctr. Biomembranes and Lipid Enzymol., Institute for Biomembranes, Utrecht University, Utrecht (NL))
SO Biochemical and Biophysical Research Communications (14 Jan 1998) Volume 242, Number 2, pp. 277-281, 24 refs.
CODEN: BBRCA9 ISSN: 0006-291X
DOI: 10.1006/bbrc.1997.7950
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 118 OF 201 MEDLINE on STN DUPLICATE 52
TI Induction of cytotoxic oxidative stress by D-alanine in brain tumor cells expressing *Rhodotorula gracilis* D-amino acid oxidase: a cancer gene therapy strategy.
SO Human gene therapy, (1998 Jan 20) Vol. 9, No. 2, pp. 185-93.
Journal code: 9008950. ISSN: 1043-0342.
AU Stegman L D; Zheng H; Neal E R; Ben-Yoseph O; Pollegioni L; Pilone M S; Ross B D
AN 1998132120 MEDLINE

L121 ANSWER 119 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 1998031510 ESBIODBASE
TI Induction of cytotoxic oxidative stress by D-alanine in brain tumor cells expressing *Rhodotorula gracilis* D-amino acid oxidase: A cancer gene therapy strategy

AU Stegman, Lauren D.; Ross, Brian D.; Zheng, Hong; Neal, Eric R.;
 Ben-Yoseph, Oded; Pollegioni, Loredano; Pilone, Mirella S.
 CS Stegman, Lauren D.; Ross, Brian D. (Department of Biological Chemistry,
 University of Michigan, Ann Arbor, MI 48109 (US)); Ross, Brian D.;
 Zheng, Hong; Neal, Eric R.; Ben-Yoseph, Oded (Department of Radiology,
 University of Michigan, Ann Arbor, MI 48109 (US)); Ross, Brian D.
 (Depts. of Radiol. and Biol. Chem., Univ. of Michigan Medical School,
 MSRB III, 1150 West Medical Center Drive, Ann Arbor, MI 48109-0648
 (US)); Pollegioni, Loredano; Pilone, Mirella S. (Dept. of Struct. and
 Funct. Biology, University of Milan, 21100 Varese (IT))
 SO Human Gene Therapy (20 Jan 1998) Volume 9, Number 2, pp. 185-193, 6
 refs.
 CODEN: HGTHE3 ISSN: 1043-0342
 CY United States of America
 DT Journal; Article
 LA English
 SL English
 ED Entered STN: 31 Jan 2009
 Last updated on STN: 31 Jan 2009

L121 ANSWER 120 OF 201 MEDLINE on STN DUPLICATE 53
 TI Characterization of a single soybean cDNA encoding cytosolic and
 glyoxysomal isozymes of aspartate aminotransferase.
 SO Plant molecular biology, (1998 May) Vol. 37, No. 1, pp. 99-108.
 Journal code: 9106343. ISSN: 0167-4412.
 AU Gebhardt J S; Wadsworth G J; Matthews B F
 AN 1998281578 MEDLINE

L121 ANSWER 121 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
 on STN
 AN 1998110980 ESBIODBASE
 TI Characterization of a single soybean cDNA encoding cytosolic and
 glyoxysomal isozymes of aspartate aminotransferase
 AU Gebhardt, Joan S.; Matthews, Benjamin F.; Wadsworth, Gregory J.
 CS Gebhardt, Joan S.; Matthews, Benjamin F. (U.S. Department of
 Agriculture, Agriculture Research Service, Plant Molecular Biology
 Laboratory, Beltsville, MD 20705 (US)); Wadsworth, Gregory J. (Buffalo
 State College, Department of Biology, 1300 Elmwood Avenue, Buffalo, NY
 14222 (US))
 SO Plant Molecular Biology (May 1998) Volume 37, Number 1, pp. 99-108, 45
 refs.
 CODEN: PMBIDB ISSN: 0167-4412
 DOI: 10.1023/A:1005973019045
 CY Netherlands
 DT Journal; Article
 LA English
 SL English
 ED Entered STN: 31 Jan 2009
 Last updated on STN: 31 Jan 2009

L121 ANSWER 122 OF 201 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on
 STN
 TI Mutational analysis of the type 2 peroxisomal
 targeting signal.
 SO Plant Biology (Rockville), (1998) Vol. 1998, pp. 73. print.
 Meeting Info.: Annual Meeting of the American Society of Plant
 Physiologists combined with the 9th International Conference on
 Arabidopsis Research. Madison, WI, USA. June 27-July 01, 1998. American
 Society of Plant Physiologists (ASPP).
 AU Flynn, C. Robb [Reprint Author]; Mullen, Robert T.; Trelease, Richard N.
 AN 2003:107906 BIOSIS

L121 ANSWER 123 OF 201 MEDLINE on STN DUPLICATE 54
 TI Evolution of alanine:glyoxylate aminotransferase intracellular targeting:
 structural and functional analysis of the guinea pig gene.
 SO The Biochemical journal, (1998 Apr 1) Vol. 331 (Pt 1), pp. 49-60.
 Journal code: 2984726R. ISSN: 0264-6021.
 Report No.: NLM-PMC1219320.
 AU Birdsey G M; Danpure C J
 AN 1998180930 MEDLINE

L121 ANSWER 124 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
 on STN
 AN 1998082016 ESBIODBASE
 TI Evolution of alanine:glyoxylate aminotransferase intracellular
 targeting: Structural and functional analysis of the guinea pig gene
 AU Birdsey, Graeme M.; Danpure, Christopher J.
 CS Birdsey, Graeme M.; Danpure, Christopher J. (MRC Laboratory for
 Molecular Cell Biology, University College London, Gower Street, London
 WC1E 6BT (GB))
 SO Biochemical Journal (1 Apr 1998) Volume 331, Number 1, pp. 49-60, 52
 refs.
 CODEN: BIJOAK ISSN: 0264-6021
 CY United Kingdom
 DT Journal; Article
 LA English
 SL English
 ED Entered STN: 31 Jan 2009
 Last updated on STN: 31 Jan 2009

L121 ANSWER 125 OF 201 MEDLINE on STN DUPLICATE 55
 TI Molecular cloning and expression of cDNA encoding
 3alpha,7alpha,12alpha-trihydroxy-5beta-chole stanoyl-CoA oxidase from
 rabbit liver.
 SO The Journal of biological chemistry, (1997 Jul 18) Vol. 272, No. 29, pp.
 18481-9.
 Journal code: 2985121R. ISSN: 0021-9258.
 AU Pedersen J I; Eggertsen G; Hellman U; Andersson U; Bjorkhem I
 AN 1997364783 MEDLINE

L121 ANSWER 126 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
 on STN
 AN 1997161108 ESBIODBASE
 TI Molecular cloning and expression of cDNA encoding
 3 α ,7 α ,12 α - trihydroxy-5 β -cholestanoyl-CoA oxidase
 from rabbit liver
 AU Eggertsen, Gosta; Andersson, Ulla; Bjorkhem, Ingemar; Pedersen, Jan I.;
 Hellman, Ulf
 CS Eggertsen, Gosta; Andersson, Ulla; Bjorkhem, Ingemar (Division of
 Clinical Chemistry, Karolinska Institute, Huddinge University Hospital,
 14186 Huddinge (SE)); Pedersen, Jan I. (Institute for Nutrition
 Research, University of Oslo, 0316 Oslo (NO), P.O. Box 1046 Blindern,
 0316 Oslo (NO)); Hellman, Ulf (Ludwig Institute for Cancer Research,
 Biomedicum, Uppsala University, 75124 Uppsala (SE))
 EMAIL: j.i.pedersen@basalmed.uio.no
 SO Journal of Biological Chemistry (18 Jul 1997) Volume 272, Number 29, pp.
 18481-18489, 37 refs.
 CODEN: JBCHA3 ISSN: 0021-9258
 DOI: 10.1074/jbc.272.29.18481
 CY United States of America
 DT Journal; Article
 LA English
 SL English
 ED Entered STN: 31 Jan 2009

Last updated on STN: 31 Jan 2009

- L121 ANSWER 127 OF 201 MEDLINE on STN DUPLICATE 56
TI The glyoxysomal and plastid molecular chaperones (70-kDa heat shock protein) of watermelon cotyledons are encoded by a single gene.
SO Proceedings of the National Academy of Sciences of the United States of America, (1997 Dec 9) Vol. 94, No. 25, pp. 13624-9.
Journal code: 7505876. ISSN: 0027-8424.
Report No.: NLM-PMC28356.
AU Wimmer B; Lottspeich F; van der Klei I; Veenhuis M; Gietl C
AN 1998054284 MEDLINE
- L121 ANSWER 128 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 1998003413 ESBIOBASE
TI The glyoxysomal and plastid molecular chaperones (70-kDa heat shock protein) of watermelon cotyledons are encoded by a single gene
AU Wimmer, Bernhard; Gietl, Christine; Lottspeich, Friedrich; Van Der Klei, Ida; Veenhuis, Marten
CS Wimmer, Bernhard; Gietl, Christine (Lehrstuhl für Botanik, TU München, Arcisstrasse 16, D-80333 München (DE)); Lottspeich, Friedrich (Max-Planck-Inst. für Biochemie, Am Klopferspitz, D-82152 Martinsried (DE)); Van Der Klei, Ida; Veenhuis, Marten (Department of Microbiology, Biological Centre, University of Groningen, Kerklaan 30, NL-9751 NN Haren (NL))
EMAIL: gietl@botanik.biologie.tu-muenchen.de
SO Proceedings of the National Academy of Sciences of the United States of America (9 Dec 1997) Volume 94, Number 25, pp. 13624-13629, 30 refs.
CODEN: PNASA6 ISSN: 0027-8424
DOI: 10.1073/pnas.94.25.13624
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009
- L121 ANSWER 129 OF 201 MEDLINE on STN DUPLICATE 57
TI Insulin-degrading enzyme does not require peroxisomal localization for insulin degradation.
SO Endocrinology, (1997 Aug) Vol. 138, No. 8, pp. 3444-51.
Journal code: 0375040. ISSN: 0013-7227.
AU Chesneau V; Perlman R K; Li W; Keller G A; Rosner M R
AN 1997375482 MEDLINE
- L121 ANSWER 130 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 1997181383 ESBIOBASE
TI Insulin-degrading enzyme does not require peroxisomal localization for insulin degradation
AU Chesneau, Valerie; Perlman, Rachel K.; Rosner, Marsha Rich; Li, Wenlu; Keller, Gilbert-Andre
CS Chesneau, Valerie; Perlman, Rachel K.; Rosner, Marsha Rich (Ben May Inst. for Cancer Research, University of Chicago, Chicago, IL 60637 (US)); Chesneau, Valerie (Assoc. Pour Rech. Contre Le Cancer); Perlman, Rachel K. (Columbia University, College of Physicians and Surgeons, New York, NY 10032 (US)); Rosner, Marsha Rich (Ben May Inst. for Cancer Research, University of Chicago, MC 6027, 5841 South Maryland Avenue, Chicago, IL 60637 (US)); Li, Wenlu; Keller, Gilbert-Andre (Department of Pharmacology, Genetech, Inc., San Francisco, CA 94080 (US))
EMAIL: mrosner@ben-may.bsd.uchicago.edu
SO Endocrinology (1997) Volume 138, Number 8, pp. 3444-3451, 53 refs.

CODEN: ENDOAO ISSN: 0013-7227
DOI: 10.1210/en.138.8.3444
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 131 OF 201 SCISEARCH COPYRIGHT (c) 2009 The Thomson Corporation
on STN DUPLICATE 58
TI The peroxin Pex17p of the yeast *Yarrowia lipolytica* is associated
peripherally with the peroxisomal membrane and is required for the import
of a subset of matrix proteins
SO MOLECULAR AND CELLULAR BIOLOGY, (MAY 1997) Vol. 17, No. 5, pp. 2511-2520.
ISSN: 0270-7306.
AU Smith J J (Reprint); Szilard R K; Marelli M; Rachubinski R A
AN 1997:321159 SCISEARCH

L121 ANSWER 132 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN
AN 1997098742 ESBIODASE
TI The peroxin Pex17p of the yeast *Yarrowia lipolytica* is associated
peripherally with the peroxisomal membrane and is required for the
import of a subset of matrix proteins
AU Smith, Jennifer J.; Szilard, Rachel K.; Marelli, Marcello; Rachubinski,
Richard A.
CS Smith, Jennifer J.; Szilard, Rachel K.; Marelli, Marcello; Rachubinski,
Richard A. (Dept. of Cell Biology and Anatomy, University of Alberta,
Edmonton, Alta. T6G 2H7 (CA)); Rachubinski, Richard A. (Dept. of Cell
Biology and Anatomy, University of Alberta, Medical Sciences Building
S-14, Edmonton, Alta. T6G 2H7 (CA))
EMAIL: rrachubi@anat.med.ualberta.ca
SO Molecular and Cellular Biology (May 1997) Volume 17, Number 5, pp.
2511-2520, 37 refs.
CODEN: MCEBD4 ISSN: 0270-7306
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 133 OF 201 MEDLINE on STN DUPLICATE 59
TI Enlarged peroxisomes are present in oleic acid-grown *Yarrowia lipolytica*
overexpressing the PEX16 gene encoding an intraperoxisomal peripheral
membrane peroxin.
SO The Journal of cell biology, (1997 Jun 16) Vol. 137, No. 6, pp. 1265-78.
Journal code: 0375356. ISSN: 0021-9525.
Report No.: NLM-PMC2132528.
AU Eitzen G A; Szilard R K; Rachubinski R A
AN 1997327755 MEDLINE

L121 ANSWER 134 OF 201 MEDLINE on STN DUPLICATE 60
TI Binding of the peroxisomal targeting sequence SKL is specified by a
low-affinity site in castor bean glyoxysomal membranes. A domain next to
the SKL binds to a high-affinity site.
SO Plant physiology, (1997 Mar) Vol. 113, No. 3, pp. 943-9.
Journal code: 0401224. ISSN: 0032-0889.
Report No.: NLM-PMC158214.
AU Wolins N E; Donaldson R P
AN 1997239922 MEDLINE

L121 ANSWER 135 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
 on STN
 AN 1997095454 ESBIOBASE
 TI Binding of the peroxisomal targeting sequence SKL is specified by a
 low-affinity site in castor bean glyoxysomal membranes a domain next to
 the SKL binds to a high-affinity site
 AU Wolins, Nathan Edward; Donaldson, Robert Paul
 CS Wolins, Nathan Edward; Donaldson, Robert Paul (Department of Biological
 Sciences, George Washington University, Washington, DC 20052 (US));
 Wolins, Nathan Edward (Lab. of Cell and Devmtl. Biology, NIDDK,
 Bethesda, MD 20892 (US))
 EMAIL: robdon@gwis2.circ.gwu.edu
 SO Plant Physiology (Mar 1997) Volume 113, Number 3, pp. 943-949, 27 refs.
 CODEN: PLPHAY ISSN: 0032-0889
 CY United States of America
 DT Journal; Article
 LA English
 SL English
 ED Entered STN: 31 Jan 2009
 Last updated on STN: 31 Jan 2009

L121 ANSWER 136 OF 201 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on
 STN
 TI Isolation and characterization of a newly identified peroxisome-deficient
 CHO cell mutant, using green fluorescent protein tagged with
 peroxisomal targeting signals.
 SO Cell Structure and Function, (Dec., 1997) Vol. 22, No. 6, pp. 768. print.
 Meeting Info.: Fiftieth Annual Meeting of the Japan Society for Cell
 Biology. Yokohama, Japan. September 29-October 1, 1997. Japan Society for
 Cell Biology.
 CODEN: CSFUDY. ISSN: 0386-7196.
 AU Ghaedi, Kamran; Okumoto, Kanji; Kawai, Atsushi; Tamura, Shigehiko; Fujiki,
 Yukio
 AN 1998:190896 BIOSIS

L121 ANSWER 137 OF 201 MEDLINE on STN DUPLICATE 61
 TI Regulation of two loblolly pine (Pinus taeda L.) isocitrate lyase genes in
 megagametophytes of mature and stratified seeds and during postgerminative
 growth.
 SO Plant molecular biology, (1997 Mar) Vol. 33, No. 4, pp. 593-604.
 Journal code: 9106343. ISSN: 0167-4412.
 AU Mullen R T; Gifford D J
 AN 1997238466 MEDLINE

L121 ANSWER 138 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
 on STN
 AN 1997087722 ESBIOBASE
 TI Regulation of two loblolly pine (Pinus taeda L.) isocitrate lyase genes
 in megagametophytes of mature and stratified seeds and during
 postgerminative growth
 AU Mullen, Robert T.; Gifford, David J.
 CS Mullen, Robert T.; Gifford, David J. (Department of Biological Sciences,
 University of Alberta, Edmonton, Alta. T6G 2E9 (CA)); Mullen, Robert T.
 (Department of Botany, Arizona State University, Tempe, AZ 85287-1601
 (US))
 SO Plant Molecular Biology (Mar 1997) Volume 33, Number 4, pp. 593-604, 67
 refs.
 CODEN: PMBIDB ISSN: 0167-4412
 DOI: 10.1023/A:1005770724644
 CY Netherlands
 DT Journal; Article

LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 139 OF 201 MEDLINE on STN DUPLICATE 62
TI Isolation of a new peroxisome-deficient CHO cell mutant defective in peroxisome targeting signal-1 receptor.
SO Biochemical and biophysical research communications, (1997 Jan 13) Vol. 230, No. 2, pp. 402-6.
Journal code: 0372516. ISSN: 0006-291X.
AU Tsukamoto T; Bogaki A; Okumoto K; Tateishi K; Fujiki Y; Shimozawa N; Suzuki Y; Kondo N; Osumi T
AN 1997168985 MEDLINE

L121 ANSWER 140 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 1997118444 ESBIOBASE
TI Isolation of a new peroxisome-deficient CHO cell mutant defective in peroxisome targeting signal-1 receptor
AU Tsukamoto, Toshiro; Bogaki, Akemi; Okumoto, Kanji; Tateishi, Keita; Osumi, Takashi; Fujiki, Yukio; Shimozawa, Nobuyuki; Suzuki, Yasuyuki; Kondo, Naomi
CS Tsukamoto, Toshiro; Bogaki, Akemi; Okumoto, Kanji; Tateishi, Keita; Osumi, Takashi (Department of Life Science, Himeji Institute of Technology, Kamigori, Hyogo 678-12 (JP)); Okumoto, Kanji; Tateishi, Keita; Fujiki, Yukio (Department of Biology, Faculty of Science, Kyushu University, Fukuoka 812-81 (JP)); Shimozawa, Nobuyuki; Suzuki, Yasuyuki; Kondo, Naomi (Department of Pediatrics, Gifu University School of Medicine, Gifu 500 (JP))
SO Biochemical and Biophysical Research Communications (13 Jan 1997) Volume 230, Number 2, pp. 402-406, 24 refs.
CODEN: BBRCA9 ISSN: 0006-291X
DOI: 10.1006/bbrc.1996.5971
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L121 ANSWER 141 OF 201 LIFESCI COPYRIGHT 2009 CSA on STN DUPLICATE 63
TI Rhizomelic chondrodysplasia punctata is caused by deficiency of human PEX7, a homologue of the yeast PTS2 receptor
SO NAT. GENET., (1997) vol. 15, no. 4, pp. 381-384.
ISSN: 1061-4036.
AU Purdue, P.E.; Zhang, Jing Wei; Skoneczny, M.; Lazarow, P.B.
AN 97:100550 LIFESCI

L121 ANSWER 142 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 1997082677 ESBIOBASE
TI Rhizomelic chondrodysplasia punctata is caused by deficiency of human PEX7, a homologue of the yeast PTS2 receptor
AU Purdue, P. Edward; Zhang, Jing Wei; Skoneczny, Marek; Lazarow, Paul B.
CS Purdue, P. Edward; Zhang, Jing Wei; Skoneczny, Marek; Lazarow, Paul B. (Dept. of Cell Biology and Anatomy, Mount Sinai School of Medicine, Box 1007, 1190 Fifth Avenue, New York, NY 10029-6574 (US))
EMAIL: lazarow@msvax.mssm.edu
SO Nature Genetics (Apr 1997) Volume 15, Number 4, pp. 381-384, 27 refs.

CODEN: NGENEC ISSN: 1061-4036

DOI: 10.1038/ng0497-381

CY United States of America

DT Journal; Article

LA English

SL English

ED Entered STN: 31 Jan 2009

Last updated on STN: 31 Jan 2009

L121 ANSWER 143 OF 201 MEDLINE on STN DUPLICATE 64

TI Rhizomelic chondrodysplasia punctata is a peroxisomal protein targeting disease caused by a non-functional PTS2 receptor.

SO Nature genetics, (1997 Apr) Vol. 15, No. 4, pp. 377-80.

Journal code: 9216904. ISSN: 1061-4036.

AU Motley A M; Hettema E H; Hogenhout E M; Brites P; ten Asbroek A L; Wijburg F A; Baas F; Heijmans H S; Tabak H F; Wanders R J; Distel B

AN 1997245714 MEDLINE

L121 ANSWER 144 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN

AN 1997082676 ESBIODBASE

TI Rhizomelic chondrodysplasia punctata is a peroxisomal protein targeting disease caused by a non-functional PTS2 receptor

AU Motley, Alison M.; Hettema, Ewald H.; Brites, Pedro; Tabak, Henk F.; Distel, Ben; Hogenhout, Eveline M.; Wijburg, Frits A.; Heijmans, Hugo S.; Wanders, Ronald J.A.; Ten Asbroek, Anneloor L.M.A.; Baas, Frank

CS Motley, Alison M.; Hettema, Ewald H.; Brites, Pedro; Tabak, Henk F.; Distel, Ben (Department of Biochemistry, Academic Medical Centre, University of Amsterdam, P.O. Box 22700, 1100 DE (NL)); Motley, Alison M.; Hettema, Ewald H.; Brites, Pedro; Hogenhout, Eveline M.; Wijburg, Frits A.; Heijmans, Hugo S.; Wanders, Ronald J.A. (Department of Pediatrics, Academic Medical Centre, University of Amsterdam, P.O. Box 22700, 1100 DE (NL)); Ten Asbroek, Anneloor L.M.A.; Baas, Frank (Department of Neurology, Academic Medical Centre, University of Amsterdam, P.O. Box 22700, 1100 DE (NL))
EMAIL: h.f.tabak@amc.uva.nl

SO Nature Genetics (Apr 1997) Volume 15, Number 4, pp. 377-380, 33 refs.

CODEN: NGENEC ISSN: 1061-4036

DOI: 10.1038/ng0497-377

CY United States of America

DT Journal; Article

LA English

SL English

ED Entered STN: 31 Jan 2009

Last updated on STN: 31 Jan 2009

L121 ANSWER 145 OF 201 HCAPLUS COPYRIGHT 2009 ACS on STN

TI Identification of the peroxisomal targeting signal for cottonseed catalase

SO Plant Journal (1997), 12(2), 313-322

CODEN: PLJUED; ISSN: 0960-7412

AU Mullen, Robert T.; Lee, Michael S.; Trelease, Richard N.

AN 1997:642509 HCAPLUS

DN 127:304758

OREF 127:59503a,59506a

L121 ANSWER 146 OF 201 LIFESCI COPYRIGHT 2009 CSA on STN

TI Refsum disease is caused by mutations in the phytanoyl-CoA hydroxylase gene

SO Nature Genetics [Nat. Genet.], (19971000) vol. 17, no. 2, pp. 190-193. ISSN: 1061-4036.

AU Jansen, G.A.; Ofman, R.; Ferdinandusse, S.; Ijlst, L.; Muijsers, A.O.; Skjeldal, O.H.; Stokke, O.; Jakobs, C.; Besley, G.T.N.; Wraith, J.E.;

Wanders, R.J.A.
AN 1999:95531 LIFESCI

L121 ANSWER 147 OF 201 MEDLINE on STN DUPLICATE 65
TI Analysis of the carboxyl-terminal peroxisomal targeting signal 1 in a homologous context in *Saccharomyces cerevisiae*.
SO The Journal of biological chemistry, (1996 Oct 18) Vol. 271, No. 42, pp. 26375-82.
Journal code: 2985121R. ISSN: 0021-9258.
AU Elgersma Y; Vos A; van den Berg M; van Roermund C W; van der Sluijs P; Distel B; Tabak H F
AN 1996421645 MEDLINE

L121 ANSWER 148 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 1996150168 ESBIODBASE
TI Analysis of the carboxyl-terminal peroxisomal targeting signal 1 in a homologous context in *Saccharomyces cerevisiae*
AU Elgersma, Ype; Vos, Arnold; Van den Berg, Marlene; Distel, Ben; Tabak, Henk F.; Van Roermund, Carlo W.T.; Van der Sluijs, Peter
CS Elgersma, Ype; Vos, Arnold; Van den Berg, Marlene; Distel, Ben; Tabak, Henk F. (Department of Biochemistry, Academic Medical Centre, Meibergdreef 15, 1105 AZ, Amsterdam (NL)); Elgersma, Ype (University of California, San Diego, Dept. of Biology, 9500 Oilman Dr., San Diego, CA 92093-0322 (US)); Vos, Arnold (Netherlands Cancer Inst., Plesmanlaan 121, 1066 CX Amsterdam (NL)); Van Roermund, Carlo W.T. (Department of Pediatrics, Academic Medical Centre, Meibergdreef 9, 1105 AZ, Amsterdam (NL)); Van der Sluijs, Peter (Department of Cell Biology, Utrecht University, School of Medicine, Heidelberglaan 100, 3584 CX Utrecht (NL))
SO Journal of Biological Chemistry (1996) Volume 271, Number 42, pp. 26375-26382, 43 refs.
CODEN: JBCHA3 ISSN: 0021-9258
DOI: 10.1074/jbc.271.42.26375
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 30 Jan 2009
Last updated on STN: 30 Jan 2009

L121 ANSWER 149 OF 201 MEDLINE on STN DUPLICATE 66
TI Isolation and characterization of Pas2p, a peroxisomal membrane protein essential for peroxisome biogenesis in the methylotrophic yeast *Pichia pastoris*.
SO The Journal of biological chemistry, (1996 Aug 2) Vol. 271, No. 31, pp. 18973-80.
Journal code: 2985121R. ISSN: 0021-9258.
AU Wiemer E A; Luers G H; Faber K N; Wenzel T; Veenhuis M; Subramani S
AN 1996324986 MEDLINE

L121 ANSWER 150 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 1996134568 ESBIODBASE
TI Isolation and characterization of Pas2p, a peroxisomal membrane protein essential for peroxisome biogenesis in the methylotrophic yeast *Pichia pastoris*
AU Wiemer, Erik A.C.; Luers, Georg H.; Faber, Klaas Nico; Wenzel, Thibaut; Subramani, Suresh; Veenhuis, Marten
CS Wiemer, Erik A.C.; Luers, Georg H.; Faber, Klaas Nico; Wenzel, Thibaut; Subramani, Suresh (Department of Biology, Univ. of California at San Diego, San Diego, CA 92093-0322 (US)); Wiemer, Erik A.C. (Institute for

Hematology, Erasmus University, Rotterdam (NL)); Subramani, Suresh (Dept. of Biology, UCSD, Bonner Hall, 9500 Gilman Dr., San Diego, CA 92093-0322 (US)); Veenhuis, Marten (Laboratory for Electron Microscopy, University of Groningen, Biological Center, 9751 NN Haren (NL))
EMAIL: subra@jeeves.ucsd.edu

SO Journal of Biological Chemistry (1996) Volume 271, Number 31, pp. 18973-18980, 61 refs.

CODEN: JBCHA3 ISSN: 0021-9258

DOI: 10.1074/jbc.271.31.18973

CY United States of America

DT Journal; Article

LA English

SL English

ED Entered STN: 30 Jan 2009

Last updated on STN: 30 Jan 2009

L121 ANSWER 151 OF 201 MEDLINE on STN DUPLICATE 67

TI Molecular cloning of human phosphomevalonate kinase and identification of a consensus peroxisomal targeting sequence.

SO The Journal of biological chemistry, (1996 Jul 19) Vol. 271, No. 29, pp. 17330-4.

Journal code: 2985121R. ISSN: 0021-9258.

AU Chambliss K L; Slaughter C A; Schreiner R; Hoffmann G F; Gibson K M

AN 1996291886 MEDLINE

L121 ANSWER 152 OF 201 SCISEARCH COPYRIGHT (c) 2009 The Thomson Corporation on STN DUPLICATE 68

TI Protein targeting and import into plant peroxisomes

SO PHYSIOLOGIA PLANTARUM, (JUL 1996) Vol. 97, No. 3, pp. 599-608.

ISSN: 0031-9317.

AU Gietl C (Reprint)

AN 1996:538532 SCISEARCH

L121 ANSWER 153 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN

AN 1997044427 ES BIOBASE

TI Protein targeting and import into plant peroxisomes

AU Gietl, Christine

CS Gietl, Christine (Inst. of Botany, Technical Univ. of Munich, Arcisstr. 16, D-80333 Munich (DE))

SO Physiologia Plantarum (Jul 1996) Volume 97, Number 3, pp. 599-608, 102 refs.

CODEN: PHPLAI ISSN: 0031-9317

DOI: 10.1034/j.1399-3054.1996.970324.x

CY Denmark

DT Journal; General Review

LA English

SL English

ED Entered STN: 31 Jan 2009

Last updated on STN: 31 Jan 2009

L121 ANSWER 154 OF 201 HCAPLUS COPYRIGHT 2009 ACS on STN

TI Convergence of model systems for peroxisome biogenesis

SO Current Opinion in Cell Biology (1996), 8(4), 513-518

CODEN: COCBE3; ISSN: 0955-0674

AU Subramani, Suresh

AN 1996:465980 HCAPLUS

DN 125:135522

OREF 125:25225a,25228a

L121 ANSWER 155 OF 201 SCISEARCH COPYRIGHT (c) 2009 The Thomson Corporation

on STN DUBLICATE 69

TI Subcellular destination of mutant peroxisomal isocitrate lyase polypeptides of *Candida tropicalis* in *Saccharomyces cerevisiae*

SO JOURNAL OF ELECTRON MICROSCOPY, (DEC 1996) Vol. 45, No. 6, pp. 491-497. ISSN: 0022-0744.

AU Kamasawa N (Reprint); Yoshida T; Kasahara M; Kamada Y; Zou W; Ueda M; Tanaka A; Osumi M

AN 1997:80894 SCISEARCH

L121 ANSWER 156 OF 201 MEDLINE on STN DUBLICATE 70

TI Identification of a yeast peroxisomal member of the family of AMP-binding proteins.

SO European journal of biochemistry / FEBS, (1996 Sep 1) Vol. 240, No. 2, pp. 468-76. Journal code: 0107600. ISSN: 0014-2956.

AU Blobel F; Erdmann R

AN 1996439079 MEDLINE

L121 ANSWER 157 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN

AN 1996115541 ESBIODASE

TI Identification of a yeast peroxisomal member of the family of AMP-binding proteins

AU Blobel, Fabian

CS Blobel, Fabian (Ruhr-Universitat Bochum, Institut Fur Physiologische Chemie, D-44780 Bochum (DE))

SO European Journal of Biochemistry (1996) Volume 240, Number 2, pp. 468-476, 4 refs. CODEN: EJBCAI ISSN: 0014-2956

CY Germany

DT Journal; Article

LA English

SL English

ED Entered STN: 30 Jan 2009
Last updated on STN: 30 Jan 2009

L121 ANSWER 158 OF 201 MEDLINE on STN DUBLICATE 71

TI Molecular cloning and further characterization of rat peroxisomal trihydroxycoprostanoyl-CoA oxidase.

SO The Biochemical journal, (1996 Nov 15) Vol. 320 (Pt 1), pp. 115-21. Journal code: 2984726R. ISSN: 0264-6021. Report No.: NLM-PMC1217905.

AU Baumgart E; Vanhooren J C; Fransen M; Van Leuven F; Fahimi H D; Van Veldhoven P P; Mannaerts G P

AN 1997103103 MEDLINE

L121 ANSWER 159 OF 201 MEDLINE on STN DUBLICATE 72

TI Immunogold labeling of yeast cells: an efficient tool for the study of protein targeting and morphological alterations due to overexpression and inactivation of genes.

SO Histochemistry and cell biology, (1996 Jul) Vol. 106, No. 1, pp. 115-30. Ref: 58 Journal code: 9506663. ISSN: 0948-6143.

AU Binder M; Hartig A; Sata T

AN 1997011361 MEDLINE

L121 ANSWER 160 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN

AN 1996183334 ESBIODASE

TI Molecular cloning and further characterization of rat peroxisomal trihydroxycoprostanoyl-CoA oxidase

AU Baumgart, Eveline; Vanhooren, Johannes C. T.; Fransen, Mark; Van

Veldhoven, Paul P.; Mannaerts, Guy P.; Van Leuven, Fred; Fahimi, H. Dariush

CS Baumgart, Eveline; Vanhooren, Johannes C. T.; Fransen, Mark; Van Veldhoven, Paul P.; Mannaerts, Guy P. (Katholieke Universiteit Leuven, Faculteit Geneeskunde, Afdeling Farmacologie, Herestraat 49, B-3000 Leuven (BE)); Van Leuven, Fred (Katholieke Universiteit Leuven, Faculteit Geneeskunde, Centrum Voor Menselijke Erfelijkheid, B-3000 Leuven (BE)); Fahimi, H. Dariush (Universitat Heidelberg, Medizinische Fakultät, Institut für Anatomie und Zellbiologie II, Heidelberg (DE))

SO Biochemical Journal (15 Nov 1996) Volume 320, Number 1, pp. 115-121, 40 refs.
CODEN: BIJOAK ISSN: 0264-6021

CY United Kingdom
DT Journal; Article
LA English
SL English
ED Entered STN: 30 Jan 2009
Last updated on STN: 30 Jan 2009

L121 ANSWER 161 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN

AN 1996114857 ESBIODASE

TI Immunogold labeling of yeast cells: An efficient tool for the study of protein targeting and morphological alterations due to overexpression and inactivation of genes

AU Hartig, A.; Sata, T.; Binder, M.

CS Hartig, A. (Vienna Biocenter, Inst. F. Biochem. Molec. Z., Ludwig Boltzmann-Forschungsstelle F., Dr. Bohrgasse 9, A-1030 Wien (AT)); Sata, T. (National Institute of Health, Department of Pathology, Toyama 1-23-1, Shinjuku, Tokyo 162 (JP)); Binder, M. (Inst. F. Tumorbiologie-K., Universität Wien, Borschkegasse 8a, A-1090 Vienna (AT))
EMAIL: maximilian.binder@univie.ac.at

SO Histochemistry and Cell Biology (1996) Volume 106, Number 1, pp. 115-130, 58 refs.
CODEN: HCBIFP ISSN: 0948-6143
DOI: 10.1007/s004180050027

CY Germany
DT Journal; General Review
LA English
SL English
ED Entered STN: 30 Jan 2009
Last updated on STN: 30 Jan 2009

L121 ANSWER 162 OF 201 MEDLINE on STN DUPLICATE 73

TI Import of stably-folded proteins into peroxisomes.

SO Annals of the New York Academy of Sciences, (1996 Dec 27) Vol. 804, pp. 76-85.
Journal code: 7506858. ISSN: 0077-8923.

AU Walton P A

AN 1997146681 MEDLINE

L121 ANSWER 163 OF 201 LIFESCI COPYRIGHT 2009 CSA on STN DUPLICATE 74

TI Formation of the peroxisome lumen is abolished by loss of Pichia pastoris Pas7p, a zinc-binding integral membrane protein of the peroxisome

SO MOL. CELL. BIOL., (1995) vol. 15, no. 11, pp. 6406-6419.
ISSN: 0270-7306.

AU Kalish, J.E.; Theda, C.; Morell, J.C.; Berg, J.M.; Gould, S.J.*

AN 96:11658 LIFESCI

L121 ANSWER 164 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN

AN 1995145825 ESBIODBASE
 TI Formation of the peroxisome lumen is abolished by loss of *Pichia pastoris* Pas7p, a zinc-binding integral membrane protein of the peroxisome
 AU Kalish, Jennifer E.; Theda, Christiane; Morrell, James C.; Gould, Stephen J.; Berg, Jeremy M.
 CS Kalish, Jennifer E.; Theda, Christiane; Morrell, James C.; Gould, Stephen J. (Kennedy Krieger Research Institute, Johns Hopkins University, School of Medicine, Baltimore, MD 21205 (US)); Kalish, Jennifer E.; Gould, Stephen J. (Dept. of Cell Biology and Anatomy, Johns Hopkins University, School of Medicine, Baltimore, MD 21205 (US)); Theda, Christiane (Department of Pediatrics, Johns Hopkins University, School of Medicine, Baltimore, MD 21205 (US)); Morrell, James C.; Gould, Stephen J. (Department of Biological Chemistry, Johns Hopkins University, School of Medicine, Baltimore, MD 21205 (US)); Berg, Jeremy M. (Dept. Biophys. and Biophysical Chem., Johns Hopkins University, School of Medicine, Baltimore, MD 21205 (US))
 SO Molecular and Cellular Biology (Nov 1995) Volume 15, Number 11, pp. 6406-6419, 88 refs.
 CODEN: MCEBD4 ISSN: 0270-7306
 CY United States of America
 DT Journal; Article
 LA English
 SL English
 ED Entered STN: 30 Jan 2009
 Last updated on STN: 30 Jan 2009

L121 ANSWER 165 OF 201 MEDLINE on STN DUPLICATE 75
 TI The *Pichia pastoris* peroxisomal protein PAS8p is the receptor for the C-terminal tripeptide peroxisomal targeting signal.
 SO The EMBO journal, (1995 Aug 1) Vol. 14, No. 15, pp. 3627-34.
 Journal code: 8208664. ISSN: 0261-4189.
 Report No.: NLM-PMC394437.
 AU Terlecky S R; Nuttley W M; McCollum D; Sock E; Subramani S
 AN 1995369234 MEDLINE

L121 ANSWER 166 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
 AN 1995103166 ESBIODBASE
 TI The *Pichia pastoris* peroxisomal protein PAS8p is the receptor for the C-terminal tripeptide peroxisomal targeting signal
 AU Terlecky, Stanley R.; Nuttley, William M.; Subramani, Suresh; McCollum, Dannel; Sock, Elisabeth
 CS Terlecky, Stanley R.; Nuttley, William M.; Subramani, Suresh (Department of Biology, University of California-San Diego, 9500 Gilman Drive, San Diego, CA 92093-0322 (US)); McCollum, Dannel (Department of Cell Biology, Vanderbilt University, School of Medicine, Nashville, TN 37232 (US)); Sock, Elisabeth (Zentrum Molec. Neurobiologie 1, Pavillon 22, Martini strasse 52, 20246 Hamburg (DE))
 SO EMBO Journal (1995) Volume 14, Number 15, pp. 3627-3634, 47 refs.
 CODEN: EMJODG ISSN: 0261-4189
 CY United Kingdom
 DT Journal; Article
 LA English
 SL English
 ED Entered STN: 30 Jan 2009
 Last updated on STN: 30 Jan 2009

L121 ANSWER 167 OF 201 LIFESCI COPYRIGHT 2009 CSA on STN
 TI Pay32p of the yeast *Yarrowia lipolytica* is an intraperoxisomal component of the matrix protein translocation machinery
 SO J. CELL BIOL., (1995) vol. 131, no. 6, pp. 1453-1469.

ISSN: 0021-9525.

AU Szilard, R.K.; Titorenko, V.I.; Veenhuis, M.; Rachubinski, R.A.*
AN 96:46886 LIFESCI

L121 ANSWER 168 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN
AN 1996011064 ESBIODBASE
TI Pay32p of the yeast *Yarrowia lipolytica* is an intraperoxisomal component
of the matrix protein translocation machinery
AU Szilard, Rachel K.; Titorenko, Vladimir I.; Rachubinski, Richard A.;
Veenhuis, Marten
CS Szilard, Rachel K.; Titorenko, Vladimir I.; Rachubinski, Richard A.
(Dept. of Anatomy and Cell Biology, University of Alberta, Edmonton,
Alta. T6G 2H7 (CA)); Rachubinski, Richard A. (Dept. of Anatomy and Cell
Biology, University of Alberta, Medical Sciences Building 5-14,
Edmonton, Alta. T6G 2H7 (CA)); Veenhuis, Marten (Laboratory for Electron
Microscopy, University of Groningen, 9750 AA Haren (NL))
EMAIL: rrachubi@gpu.srv.ualberta.ca
SO Journal of Cell Biology (Dec 1995) Volume 131, Number 6 I, pp.
1453-1469, 73 refs.
CODEN: JCLBA3 ISSN: 0021-9525
DOI: 10.1083/jcb.131.6.1453
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 30 Jan 2009
Last updated on STN: 30 Jan 2009

L121 ANSWER 169 OF 201 MEDLINE on STN DUPLICATE 76
TI The *Yarrowia lipolytica* gene PAY2 encodes a 42-kDa peroxisomal integral
membrane protein essential for matrix protein import and peroxisome
enlargement but not for peroxisome membrane proliferation.
SO The Journal of biological chemistry, (1995 Jan 20) Vol. 270, No. 3, pp.
1429-36.
Journal code: 2985121R. ISSN: 0021-9258.
AU Eitzen G A; Aitchison J D; Szilard R K; Veenhuis M; Nuttley W M;
Rachubinski R A
AN 1995138142 MEDLINE

L121 ANSWER 170 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN
AN 1995024177 ESBIODBASE
TI The *Yarrowia lipolytica* gene PAY2 encodes a 42-kDa peroxisomal integral
membrane protein essential for matrix protein import and peroxisome
enlargement but not for peroxisome membrane proliferation
AU Eitzen, Gary A.; Aitchison, John D.; Szilard, Rachel K.; Nuttley,
William M.; Rachubinski, Richard A.; Veenhuis, Marten
CS Eitzen, Gary A.; Aitchison, John D.; Szilard, Rachel K.; Nuttley,
William M.; Rachubinski, Richard A. (Dept. of Anatomy and Cell Biology,
University of Alberta, Edmonton, Alta. T6G 2H7 (CA)); Aitchison, John D.
(Laboratory for Cell Biology, Rockefeller University, New York, NY
10021-6399 (US)); Nuttley, William M. (Dept. of Biology, Univ. of
California at San Diego, San Diego, CA 92093-0322 (US)); Rachubinski,
Richard A. (Dept. of Anatomy and Cell Biology, University of Alberta,
Medical Sciences Bldg., Edmonton, Alta. T6G 2H7 (CA)); Veenhuis, Marten
(Laboratory for Electron Microscopy, University of Groningen, 9750 AA
Haren (NL))
EMAIL: rrachubi@anat.med.ualberta.ca
SO Journal of Biological Chemistry (20 Jan 1995) Volume 270, Number 3, pp.
1429-1436, 63 refs.
CODEN: JBCHA3 ISSN: 0021-9258

DOI: 10.1074/jbc.270.3.1429
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 30 Jan 2009
Last updated on STN: 30 Jan 2009

L121 ANSWER 171 OF 201 MEDLINE on STN DUPLICATE 77
TI Development and application of an in vivo plant peroxisome import system.
SO Plant physiology, (1995 Apr) Vol. 107, No. 4, pp. 1201-8.
Journal code: 0401224. ISSN: 0032-0889.
Report No.: NLM-PMC157253.
AU Banjoko A; Trelease R N
AN 1995288363 MEDLINE

L121 ANSWER 172 OF 201 MEDLINE on STN DUPLICATE 78
TI Peroxisome structure, function, and biogenesis--human patients and yeast mutants show strikingly similar defects in peroxisome biogenesis.
SO Journal of neuropathology and experimental neurology, (1995 Sep) Vol. 54, No. 5, pp. 720-5. Ref: 21
Journal code: 2985192R. ISSN: 0022-3069.
AU Lazarow P B
AN 1995395454 MEDLINE

L121 ANSWER 173 OF 201 MEDLINE on STN DUPLICATE 79
TI Import of stably folded proteins into peroxisomes.
SO Molecular biology of the cell, (1995 Jun) Vol. 6, No. 6, pp. 675-83.
Journal code: 9201390. ISSN: 1059-1524.
Report No.: NLM-PMC301228.
AU Walton P A; Hill P E; Subramani S
AN 1996059479 MEDLINE

L121 ANSWER 174 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 1995097245 ESBIODASE
TI Import of stably folded proteins into peroxisomes
AU Walton, Paul A.; Hill, Paula E.; Subramani, Suresh
CS Walton, Paul A.; Hill, Paula E. (Dept. of Anatomy and Cell Biology, McGill University, Montreal, Que. H3A 2B2 (CA)); Subramani, Suresh (Department of Biology, University of California-San Diego, San Diego, CA 92093-0322 (US))
SO Molecular Biology of the Cell (Jun 1995) Volume 6, Number 6, pp. 675-683, 35 refs.
CODEN: MBCEEV ISSN: 1059-1524
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 30 Jan 2009
Last updated on STN: 30 Jan 2009

L121 ANSWER 175 OF 201 MEDLINE on STN DUPLICATE 80
TI Cloning, sequencing and heterologous expression of the monoamine oxidase gene from Aspergillus niger.
SO Molecular & general genetics : MGG, (1995 May 20) Vol. 247, No. 4, pp. 430-8.
Journal code: 0125036. ISSN: 0026-8925.
AU Schilling B; Lerch K
AN 1995287865 MEDLINE

L121 ANSWER 176 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.

on STN
 AN 1995080105 ESBIODBASE
 TI Cloning, sequencing and heterologous expression of the monoamine oxidase
 gene from *Aspergillus niger*
 AU Schilling, B.; Lerch, K.
 CS Schilling, B.; Lerch, K. (Givaudan-Roure Research Ltd, Ueberlandstrasse
 138, CH-8600 Duebendorf (CH))
 SO Molecular and General Genetics (1995) Volume 247, Number 4, pp. 430-438
 CODEN: MGGEAE ISSN: 0026-8925
 DOI: 10.1007/BF00293144
 CY Germany
 DT Journal; Article
 LA English
 SL English
 ED Entered STN: 30 Jan 2009
 Last updated on STN: 30 Jan 2009

L121 ANSWER 177 OF 201 LIFESCI COPYRIGHT 2009 CSA on STN DUPLICATE 81
 TI Mutations in the PTS1 receptor gene, PXR1, define complementation group 2
 of the peroxisome biogenesis disorders
 SO NAT. GENET., (1995) vol. 9, no. 2, pp. 115-125.
 ISSN: 1061-4036.
 AU Dodt, G.; Braverman, N.; Wong, C.; Moser, A.; Moser, H.W.; Watkins, P.;
 Valle, D.; Gould, S.J.*
 AN 95:57133 LIFESCI

L121 ANSWER 178 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
 on STN
 AN 1995025438 ESBIODBASE
 TI Mutations in the PTS1 receptor gene, PXR1, define complementation group
 2 of the peroxisome biogenesis disorders
 AU Dodt, Gabriele; Wong, Candice; Moser, Ann; Moser, Hugo W.; Gould,
 Stephen J.; Braverman, Nancy; Valle, David; Watkins, Paul
 CS Dodt, Gabriele; Wong, Candice; Moser, Ann; Moser, Hugo W.; Gould,
 Stephen J. (Kennedy Krieger Research Institute, Johns Hopkins
 University, School of Medicine, Baltimore, MD 21205 (US)); Dodt,
 Gabriele; Wong, Candice; Gould, Stephen J. (Dept. of Cell Biology and
 Anatomy, Johns Hopkins University, School of Medicine, Baltimore, MD
 21205 (US)); Moser, Hugo W.; Watkins, Paul (Department of Neurology,
 Johns Hopkins University, School of Medicine, Baltimore, MD 21205 (US));
 Gould, Stephen J. (Department of Biological Chemistry, Johns Hopkins
 University, School of Medicine, Baltimore, MD 21205 (US)); Braverman,
 Nancy; Valle, David (Department of Pediatrics, Johns Hopkins University,
 School of Medicine, Baltimore, MD 21205 (US)); Valle, David (Howard
 Hughes Medical Institute, Johns Hopkins University, School of Medicine,
 Baltimore, MD 21205 (US))
 SO Nature Genetics (Feb 1995) Volume 9, Number 2, pp. 115-125, 62 refs.
 CODEN: NGENEC ISSN: 1061-4036
 DOI: 10.1038/ng0295-115
 CY United States of America
 DT Journal; Article
 LA English
 SL English
 ED Entered STN: 30 Jan 2009
 Last updated on STN: 30 Jan 2009

L121 ANSWER 179 OF 201 MEDLINE on STN DUPLICATE 82
 TI Mutagenesis of the amino targeting signal of *Saccharomyces cerevisiae*
 3-ketoacyl-CoA thiolase reveals conserved amino acids required for import
 into peroxisomes in vivo.
 SO The Journal of biological chemistry, (1994 Mar 11) Vol. 269, No. 10, pp.
 7558-63.

Journal code: 2985121R. ISSN: 0021-9258.

AU Glover J R; Andrews D W; Subramani S; Rachubinski R A
AN 1994171785 MEDLINE

L121 ANSWER 180 OF 201 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V.
on STN
AN 1994068654 ESBIODBASE
TI Mutagenesis of the amino targeting signal of *Saccharomyces cerevisiae* 3-
ketoacyl-CoA thiolase reveals conserved amino acids required for import
into peroxisomes in vivo
AU Glover, J.R.; Andrews, D.W.; Subramani, S.; Rachubinski, R.A.
CS Glover, J.R.; Andrews, D.W.; Subramani, S.; Rachubinski, R.A. (Dept. of
Anatomy and Cell Biology, University of Alberta, Edmonton, Alta. T6G 2H7
(CA))
SO Journal of Biological Chemistry (1994) Volume 269, Number 10, pp.
7558-7563
CODEN: JBCHA3 ISSN: 0021-9258
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 30 Jan 2009
Last updated on STN: 30 Jan 2009

L121 ANSWER 181 OF 201 MEDLINE on STN DUPLICATE 83
TI Mutational analysis of the N-terminal topogenic signal of watermelon
glyoxysomal malate dehydrogenase using the heterologous host *Hansenula*
polymorpha.
SO Proceedings of the National Academy of Sciences of the United States of
America, (1994 Apr 12) Vol. 91, No. 8, pp. 3151-5.
Journal code: 7505876. ISSN: 0027-8424.
Report No.: NLM-PMC43533.
AU Gietl C; Faber K N; van der Klei I J; Veenhuis M
AN 1994211820 MEDLINE

L121 ANSWER 182 OF 201 MEDLINE on STN DUPLICATE 84
TI Isolation and characterization of a cDNA encoding rat liver cytosolic
epoxide hydrolase and its functional expression in *Escherichia coli*.
SO The Journal of biological chemistry, (1993 Aug 15) Vol. 268, No. 23, pp.
17623-7.
Journal code: 2985121R. ISSN: 0021-9258.
AU Knehr M; Thomas H; Arand M; Gebel T; Zeller H D; Oesch F
AN 1993352557 MEDLINE

L121 ANSWER 183 OF 201 SCISEARCH COPYRIGHT (c) 2009 The Thomson Corporation
on STN DUPLICATE 85
TI RAPID IDENTIFICATION AND CHARACTERIZATION OF PEROXISOMAL ASSEMBLY MUTANTS
IN *YARROWIA-LIPOLYTICA*
SO YEAST, (MAY 1993) Vol. 9, No. 5, pp. 507-517.
ISSN: 0749-503X.
AU NUTTLEY W M (Reprint); BRADE A M; GAILLARDIN C; EITZEN G A; GLOVER J R;
AITCHISON J D; RACHUBINSKI R A
AN 1993:343524 SCISEARCH

L121 ANSWER 184 OF 201 MEDLINE on STN DUPLICATE 86
TI Peroxisomal amine oxidase of *Hansenula polymorpha* does not require its
SRL-containing C-terminal sequence for targeting.
SO Yeast (Chichester, England), (1993 Apr) Vol. 9, No. 4, pp. 331-8.
Journal code: 8607637. ISSN: 0749-503X.
AU Faber K N; Haima P; de Hoop M J; Harder W; Veenhuis M; Ab G
AN 1993289811 MEDLINE

L121 ANSWER 185 OF 201 MEDLINE on STN DUPLICATE 87
 TI Primary hyperoxaluria type 1 and peroxisome-to-mitochondrion mistargeting of alanine:glyoxylate aminotransferase.
 SO Biochimie, (1993) Vol. 75, No. 3-4, pp. 309-15. Ref: 41
 Journal code: 1264604. ISSN: 0300-9084.
 AU Danpure C J
 AN 1993283455 MEDLINE

L121 ANSWER 186 OF 201 MEDLINE on STN DUPLICATE 88
 TI The rat insulin-degrading enzyme. Molecular cloning and characterization of tissue-specific transcripts.
 SO FEBS letters, (1993 Feb 15) Vol. 317, No. 3, pp. 250-4.
 Journal code: 0155157. ISSN: 0014-5793.
 AU Baumeister H; Muller D; Rehbein M; Richter D
 AN 1993146169 MEDLINE

L121 ANSWER 187 OF 201 HCAPLUS COPYRIGHT 2009 ACS on STN
 TI Peroxisome biogenesis
 SO Peroxisomes: Biol. Importance Toxicol. Med. (1993), 1-17. Editor(s): Gibson, G. Gordon; Lake, Brian. Publisher: Taylor & Francis, London, UK. CODEN: 59SDAN
 AU Small, G. M.
 AN 1994:476283 HCAPLUS
 DN 121:76283
 OREF 121:13543a,13546a

L121 ANSWER 188 OF 201 MEDLINE on STN DUPLICATE 89
 TI Carboxyl-terminal consensus Ser-Lys-Leu-related tripeptide of peroxisomal proteins functions in vitro as a minimal peroxisome-targeting signal.
 SO The Journal of biological chemistry, (1992 Jul 15) Vol. 267, No. 20, pp. 14405-11.
 Journal code: 2985121R. ISSN: 0021-9258.
 AU Miura S; Kasuya-Arai I; Mori H; Miyazawa S; Osumi T; Hashimoto T; Fujiki Y
 AN 1992332557 MEDLINE

L121 ANSWER 189 OF 201 HCAPLUS COPYRIGHT 2009 ACS on STN
 TI Signal peptide for peroxisomal targeting: replacement of an essential histidine residue by certain amino acids converts the amino-terminal presequence of peroxisomal 3-ketoacyl-CoA thiolase to a mitochondrial signal peptide
 SO Biochemical and Biophysical Research Communications (1992), 186(2), 811-18
 CODEN: BBRC9; ISSN: 0006-291X
 AU Osumi, Takashi; Tsukamoto, Toshiro; Hata, Shingo
 AN 1992:588805 HCAPLUS
 DN 117:188805
 OREF 117:32525a,32528a

L121 ANSWER 190 OF 201 MEDLINE on STN DUPLICATE 90
 TI In vivo import of firefly luciferase into the glycosomes of Trypanosoma brucei and mutational analysis of the C-terminal targeting signal.
 SO Molecular biology of the cell, (1992 Jul) Vol. 3, No. 7, pp. 749-59.
 Journal code: 9201390. ISSN: 1059-1524.
 Report No.: NLM-PMC275632.
 AU Sommer J M; Cheng Q L; Keller G A; Wang C C
 AN 1992385887 MEDLINE

L121 ANSWER 191 OF 201 MEDLINE on STN DUPLICATE 91
 TI Transport of microinjected alcohol oxidase from Pichia pastoris into vesicles in mammalian cells: involvement of the peroxisomal targeting signal.
 SO The Journal of cell biology, (1992 Aug) Vol. 118, No. 3, pp. 499-508.

Journal code: 0375356. ISSN: 0021-9525.

Report No.: NLM-PMC2289536.

AU Walton P A; Gould S J; Rachubinski R A; Subramani S; Feramisco J R
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L121 ANSWER 192 OF 201 MEDLINE on STN DUPLICATE 92

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C-terminal tripeptide peroxisomal targeting
signal.

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Journal code: 0155157. ISSN: 0014-5793.

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AN 1992316259 MEDLINE

L121 ANSWER 193 OF 201 HCAPLUS COPYRIGHT 2009 ACS on STN

TI Mistargeting of peroxisomal L-alanine:glyoxylate aminotransferase to
mitochondria in primary hyperoxaluria patients depends upon activation of
a cryptic mitochondrial targeting sequence by a point mutation

SO Proceedings of the National Academy of Sciences of the United States of
America (1991), 88(23), 10900-4

CODEN: PNASA6; ISSN: 0027-8424

AU Purdue, P. E.; Allsop, J.; Isaya, G.; Rosenberg, L. E.; Danpure, C. J.

AN 1992:103780 HCAPLUS

DN 116:103780

OREF 116:17529a,17532a

L121 ANSWER 194 OF 201 BIOTECHNO COPYRIGHT 2009 Elsevier Science B.V. on STN

TI Structure-function relationships in the peroxisome: Implications for
human disease

SO Biochemical Medicine and Metabolic Biology, (1991), 46/3 (288-298)

CODEN: BMMBES ISSN: 0885-4505

AU Wilson G.N.

AN 1991:22051254 BIOTECHNO

L121 ANSWER 195 OF 201 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on
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TI TARGETING EFFICIENCIES OF ALL POSSIBLE PERMUTATIONS OF THE
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SO Journal of Cell Biology, (1990) Vol. 111, No. 5 PART 2, pp. 195A.

Meeting Info.: THIRTIETH ANNUAL MEETING OF THE AMERICAN SOCIETY FOR CELL
BIOLOGY, SAN DIEGO, CALIFORNIA, USA, DECEMBER 9-13, 1990. J CELL BIOL.
CODEN: JCLBA3. ISSN: 0021-9525.

AU SWINKELS B W [Reprint author]; SUBRAMANI S

AN 1991:44257 BIOSIS

L121 ANSWER 196 OF 201 MEDLINE on STN DUPLICATE 93

TI Immunological detection of the mitochondrial F1-ATPase alpha subunit in
the matrix of rat liver peroxisomes. A protein involved in organelle
biogenesis?.

SO FEBS letters, (1990 Sep 17) Vol. 270, No. 1-2, pp. 71-5.

Journal code: 0155157. ISSN: 0014-5793.

AU Cuezva J M; Santaren J F; Gonzalez P; Valcarce C; Luis A M; Izquierdo J M

AN 1991032034 MEDLINE

L121 ANSWER 197 OF 201 MEDLINE on STN DUPLICATE 94

TI A conserved tripeptide sorts proteins to peroxisomes.

SO The Journal of cell biology, (1989 May) Vol. 108, No. 5, pp. 1657-64.

Journal code: 0375356. ISSN: 0021-9525.

Report No.: NLM-PMC2115556.

AU Gould S J; Keller G A; Hosken N; Wilkinson J; Subramani S

AN 1989234155 MEDLINE

L121 ANSWER 198 OF 201 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN

TI BIOGENESIS OF PEROXISOMES PEROXISOME TARGETING
SIGNAL AND PEROXISOME-DEFICIENT ANIMAL CELL
MUTANTS.

SO Cell Structure and Function, (1989) Vol. 14, No. 6, pp. 828.
Meeting Info.: THE FORTY-SECOND ANNUAL MEETING OF THE JAPAN SOCIETY FOR
CELL BIOLOGY, KYOTO, JAPAN, OCTOBER 25-27, 1989. CELL STRUCT FUNCT.
CODEN: CSFUDY. ISSN: 0386-7196.

AU FUJIKI Y [Reprint author]; MIURA S; TSUKAMOTO T

AN 1990:190778 BIOSIS

L121 ANSWER 199 OF 201 BIOTECHNO COPYRIGHT 2009 Elsevier Science B.V. on STN

TI Functional complementation of catalase-defective peroxisomes in a
methylophilic yeast by import of the catalase A from *Saccharomyces*
cerevisiae

SO European Journal of Biochemistry, (1989), 184/1 (173-179)
CODEN: EJBCAI ISSN: 0014-2956

AU Hansen H.; Roggenkamp R.

AN 1989:19229235 BIOTECHNO

L121 ANSWER 200 OF 201 MEDLINE on STN DUPLICATE 95

TI Identification of peroxisomal targeting signals located at the carboxy
terminus of four peroxisomal proteins.

SO The Journal of cell biology, (1988 Sep) Vol. 107, No. 3, pp. 897-905.
Journal code: 0375356. ISSN: 0021-9525.
Report No.: NLM-PMC2115268.

AU Gould S J; Keller G A; Subramani S

AN 1988331117 MEDLINE

L121 ANSWER 201 OF 201 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN

TI SATURATION MUTAGENESIS OF THE MINIMAL PEROXISOMAL
TARGETING SIGNAL IN FIREFLY LUCIFERASE A
CONSENSUS PEROXISOMAL TARGETING SIGNAL

SO Journal of Cell Biology, (1988) Vol. 107, No. 6 PART 3, pp. 121A.
Meeting Info.: JOINT MEETING OF THE AMERICAN SOCIETY FOR CELL BIOLOGY AND
THE AMERICAN SOCIETY FOR BIOCHEMISTRY AND MOLECULAR BIOLOGY, SAN
FRANCISCO, CALIFORNIA, USA, JANUARY 29-FEBRUARY 2, 1989. J CELL BIOL.
CODEN: JCLBA3. ISSN: 0021-9525.

AU GOULD S J [Reprint author]; KELLER G-A; SUBRAMANI S

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